Tested ON 7-30-91 while running C/F NMP-E.G. & TMC under 20 PSI Press. & some Tanks ATMOS. Conditons. No leaks detected

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level L.P. Decant TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1167			Sightglass Bottom	LL	ATMOS.	MONTHLY	21	N		
V-1165			Decant Leg	↓	↓	↓	↓	↓		
V-1166			Decant Leg Aux. Outlet	↓	↓	↓	↓	↓		
V-1164			L.P. Decant	↓	↓	↓	↓	↓		
V-1163			L.P. Decant	↓	↓	↓	↓	↓		
V-1162			L.P. Decant	↓	↓	↓	↓	↓		
V-1161			L.P. Decant	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level L.P. DECANT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
			L							
FL-1095			L.P. DECANT	LL	ATMOS.	MONTHLY	21	N		
FL-1107			L.P. DECANT	↓	↓	↓	↓	↓		
FL-1093			L.P. DECANT	↓	↓	↓	↓	↓		
FL-1092			L.P. DECANT	↓	↓	↓	↓	↓		
FL-1094			L.P. DECANT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: TOP LEVEL C.L.P. DECANT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1160			SIGLTGLASS BOTTOM	LL	ATMOS.	MONTHLY	21	N		
V-1178			VENT RETURN	↓	↓	↓	↓	↓		
V-1158			DECANT leg	↓	↓	↓	↓	↓		
V-1159			AUX. OUTLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: TOP LEVEL C.L.P. DECANT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1098			VENT LINE	GV	ATMOS.	MONTHLY	21	N		
FL-1099			L.P. DECANT	LL						
FL-1090			L.P. DECANT							
FL-1089			SIDE LINE							
FL-1091			DECANT LEG							
FL-1100			VENT. COND. INLET	GV						
FL-1101			VENT COND. OUTLET	GV						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level H.P. Decant Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1170			Sightglass Bottom	LL	Atmos.	Monthly	21	N		
V-1171			Sightglass Drain							
V-1168			Vent Return							
V-1172			Decant Leg							
V-1173			Decant Leg Aux. Outlet							
V-1305			Control Valve							
V-1304			Sample Port							
V-1303			Teller							
V-1306			Relief Valve							
V-1307			Drain Line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level H.P. DECANT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1102			Vent Line	GV	ATMOS.	MONTHLY	21	N		
FL-1087			Decant Leg	LL	↓	↓	↓	↓		
FL-1088			Side Line	↓	↓	↓	↓	↓		
FL-1253			H.P. Line	↓	↓	↓	↓	↓		
FL-1254			Teller Top	↓	↓	↓	↓	↓		
FL-1255			Teller Bottom	↓	↓	↓	↓	↓		
FL-1256			Relief Valve	↓	↓	↓	↓	↓		
FL-1257			Control Valve	↓	↓	↓	↓	↓		
FL-1258			Control Valve	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = ıed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 TOP Level

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0148			L.P. DECANT AUX. OUTLET	LL	ATMOS.	MONTHLY	21	N		
OE-0150			Cell#1 TOP							
OE-0147			C.L.P. DECANT AUX. OUTLET							
OE-0146			H.P. DECANT AUX. OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Top Level Cell #1

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1234			SAMPLE PORT	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1183			PRESS. LINE							
V-1182			H20 WASHOUT							
V-1180			L.P. CONTROL VALVE							
V-1181			L.P. RELIEF VALVE							
V-1179			L.P. LINE							
V-1184			L.P. DRAIN							
V-1185			H.F. INLET CHECK VALVE							
V-1186			H.F. DRAIN							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #1

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1113			L.P. Line	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1112			L.P. Teller							
FL-1111			L.P. Teller							
FL-1114			Press. Line							
FL-1109			L.P. Control Valve							
FL-1108			L.P. Control Valve							
FL-1115			H.F. Inlet							
FL-1116			H.F. Inlet							
FL-1117			H.F. Line							
FL-1118			H.F. Check Valve							
FL-1119			Light Phase Inlet							
FL-1120			Light Phase Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #2

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1189			H.P. check VALVE	LL	20PSI PRESS.	MONTHLY	21	N		
V-1190			H.P. DRAIN							
V-1187			Press. Line							
V-1188			L.P. OUTLET CHECK VALVE							
V-1235			INHIBITOR LINE							
V-1236			INHIBITOR LINE SAMPLER							
V-1237			INHIBITOR LINE							
V-1238			INHIBITOR LINE SAMPLER							
V-1239			INHIBITOR LINE							
V-1240			INHIBITOR LINE CHECK VALVE							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #2

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1128			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1127			H.P. Line	↓	↓	↓	↓	↓		
FL-1123			H.P. Inlet	↓	↓	↓	↓	↓		
FL-1124			H.P. Inlet	↓	↓	↓	↓	↓		
FL-1130			L.P. Line	↓	↓	↓	↓	↓		
FL-1122			L.P. Check Valve	↓	↓	↓	↓	↓		
FL-1121			L.P. Line	↓	↓	↓	↓	↓		
FL-1132			Press. Line	↓	↓	↓	↓	↓		
FL-1125			L.P. Inlet	↓	↓	↓	↓	↓		
FL-1126			L.P. Inlet	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Top Level Cell #3

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1193			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1194			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1192			Press. Line	↓	↓	↓	↓	↓		
V-1191			L.P. Check Valve	↓	↓	↓	↓	↓		
V-1241			Sample Port	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 13

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #3

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1138			H.P. check VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1137			H.P. Line							
FL-1135			H.P. Inlet							
FL-1136			H.P. Inlet							
FL-1133			L.P. OUTLET							
FL-1134			Press. line							
FL-1131			L.P. check Valve							
FL-1129			L.P. Line							
FL-1139			L.P. Inlet							
FL-1140			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: E-2

HW Mngmnt. Unit: Top Level Cell #4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1197			H.P. Check Valve	LL.	20 PSI PRESS.	MONTHLY	21	N		
V-1198			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1195			L.P. Check Valve	↓	↓	↓	↓	↓		
V-1196			PRESS. LINE	↓	↓	↓	↓	↓		
V-1242			SAMPLE PORT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 15

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1147			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1146			H.P. Line							
FL-1144			H.P. Inlet							
FL-1145			H.P. Inlet							
FL-1142			L.P. Outlet							
FL-1141			L.P. Line							
FL-1143			Press. Line							
FL-1148			L.P. Inlet							
FL-1149			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #5

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1201			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1202			H.P. DRAIN							
V-1199			L.P. Check Valve							
V-1200			Press. Line							
V-1243			Inhibitor Line							
V-1244			Inhibitor Line							
V-1245			Inhibitor Line Sample Port.							
V-1246			Inhibitor Line							
V-1247			Inhibitor Line							
V-1248			Inhibitor Line Sample Port							
V-1249			Inhibitor Line Check Valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = ling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 17

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #5

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1156			HP Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1155			H.P. Line	↓	↓	↓	↓	↓		
FL-1153			H.P. Inlet	↓	↓	↓	↓	↓		
FL-1154			H.P. Inlet	↓	↓	↓	↓	↓		
FL-1152			Press. Line	↓	↓	↓	↓	↓		
FL-1151			L.P. Outlet	↓	↓	↓	↓	↓		
FL-1150			L.P. Line	↓	↓	↓	↓	↓		
FL-1157			L.P. Inlet	↓	↓	↓	↓	↓		
FL-1158			L.P. Inlet	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #6

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1210			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1211			H.P. DRAIN							
V-1250			Sample Port.							
V-1209			Press. Line							
V-1208			L.P. Check Valve							
V-1206			L.P. Filter Bypass							
V-1207			L.P. Filter Inlet							
V-1204			L.P. Filter Outlet							
V-1205			L.P. Filter Drain							
V-1203			L.P. line to Cell #5 P.I. Gauge							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]ed Vent System
- SS-0001 = S[illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level Cell #6

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1166			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1165			H.P. Line							
FL-1162			H.P. Inlet							
FL-1164			H.P. Inlet							
FL-1161			L.P. Outlet							
FL-1163			Press. Line							
FL-1160			L.P. Filter Inlet							
FL-1159			L.P. Filter Outlet							
FL-1167			L.P. Inlet							
FL-1168			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #7

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1215			H.P. check VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1216			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1251			SAmple PORT.	↓	↓	↓	↓	↓		
V-1213			L.P. check VALVE	↓	↓	↓	↓	↓		
V-1214			PRESS. LINE	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = ased Vent System
- SS-0001 = ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #7

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1175			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
FL-1174			H.P. Line							
FL-1172			H.P. Inlet							
FL-1173			H.P. Inlet							
FL-1170			L.P. Outlet							
FL-1169			L.P. Line							
FL-1171			Press. Line							
FL-1176			L.P. Inlet							
FL-1177			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level Cell #8

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1221			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
V-1222			H.P. DRAIN							
V-1252			Sample Port.							
V-1218			L.P. Check Valve							
V-1219			Press. Line							
V-1220			Sample Port.							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = [illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #8

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1182			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
FL-1181			H.P. Line							
FL-1183			H.P. Inlet							
FL-1184			H.P. Inlet							
FL-1179			L.P. Outlet							
FL-1178			L.P. Line							
FL-1185			L.P. Inlet							
FL-1186			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Top Level Cell #9

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1226			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1227			H.P. Line							
V-1224			L.P. Check Valve							
V-1225			Press. Line							
V-1255			Inhibitor Line							
V-1254			Line							
V-1253			Sample Port							
V-1256			Line							
V-1257			Sample Port							
V-1258			Line							
V-1259			Check Valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = [illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level Cell #9

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1190			H.P. check valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1189			H.P. Line							
FL-1191			H.P. Inlet							
FL-1192			H.P. Inlet							
FL-1188			L.P. outlet							
FL-1187			L.P. Line							
FL-1194			L.P. Inlet							
FL-1195			L.P. Inlet							
FL-1193			Press. Line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Top Level Cell #10

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1231			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
V-1232			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1260			Sample PORT.	↓	↓	↓	↓	↓		
V-1229			L.P. Check Valve	↓	↓	↓	↓	↓		
V-1230			Press. Line	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = [illegible]mpling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 27

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #10

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1200			H.P. check VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1199			H.P. Line							
FL-1201			H.P. INLET							
FL-1202			H.P. INLET							
FL-1197			L.P. OUTLET							
FL-1196			L.P. Line							
FL-1198			Press. Line							
FL-1203			L.P. INLET							
FL-1204			L.P. INLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 28

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level Cell #11

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1273			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
V-1274			H.P. DRAIN							
V-1270			L.P. Check Valve							
V-1271			Press. Line							
V-1272			Sample Port.							
V-1261			L.P. Press Line							
V-1262			L.P. Filter Bypass							
V-1263			L.P. Filter Inlet							
V-1264			L.P. Filter Drain							
V-1265			L.P. Filter Drain							
V-1266			L.P. DRAIN							
V-1267			L.P. Filter Outlet							
V-1268			L.P. Filter Bleeder							
V-1269			L.P. Filter Press. Ind.							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 29

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Top Level Cell #11

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1211			H.P. Line	LL	20 PSIG PRESS.	MONTHLY	21	N		
FL-1209			H.P. INLET	↓	↓	↓	↓	↓		
FL-1210			H.P. INLET	↓	↓	↓	↓	↓		
FL-1208			L.P. OUTLET	↓	↓	↓	↓	↓		
FL-1207			L.P. FILTER	↓	↓	↓	↓	↓		
FL-1205			L.P. FILTER INLET	↓	↓	↓	↓	↓		
FL-1206			L.P. FILTER OUTLET	↓	↓	↓	↓	↓		
FL-1218			L.P. INLET	↓	↓	↓	↓	↓		
FL-1214			L.P. INLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 30

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TOP Level Cell #12

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1278			H.P. check VALVE	LL	20 PSI PRESS	MONTHLY	21	N		
V-1279			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1275			L.P. check VALVE	↓	↓	↓	↓	↓		
V-1276			Press. Line	↓	↓	↓	↓	↓		
V-1277			Sample PORT.	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = sed Vent System
- SS-0001 = sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 31

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #12

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1221			H.P. check VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1220			H.P. Line	↓	↓	↓	↓	↓		
FL-1217			H.P. INLET	↓	↓	↓	↓	↓		
FL-1218			H.P. INLET	↓	↓	↓	↓	↓		
FL-1216			L.P. OUTLET	↓	↓	↓	↓	↓		
FL-1215			L.P. LINE	↓	↓	↓	↓	↓		
FL-1217			PRESS. LINE	↓	↓	↓	↓	↓		
FL-1222			L.P. INLET	↓	↓	↓	↓	↓		
FL-1223			L.P. INLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 32

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TOP LEVEL E-2 CELL #13

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1284			H.P. Check VALVE	LL	20-PSI PRESS	MONTHLY	21	N		
V-1285			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1280			L.P. Check VALVE	↓	↓	↓	↓	↓		
V-1281			PRESS. LINE	↓	↓	↓	↓	↓		
V-1282			SAMPLE PORT	↓	↓	↓	↓	↓		
V-1283			SAMPLE PORT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 33

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #13

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1230			H.P. Check Valve	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1229			H.P. Line							
FL-1227			H.P. Inlet							
FL-1228			H.P. Inlet							
FL-1225			L.P. Outlet							
FL-1226			Press. Line							
FL-1224			L.P. Line							
FL-1231			L.P. Inlet							
FL-1232			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 34

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 TOP LEVEL CELL #14

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1291			H.P. CHECK VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1292			H.P. DRAIN	↓	↓	↓	↓	↓		
V-1286			L.F. CHECK VALVE	↓	↓	↓	↓	↓		
V-1287			PRESS. LINE	↓	↓	↓	↓	↓		
V-1288			INHIBITOR LINE	↓	↓	↓	↓	↓		
V-1289			INHIBITOR LINE	↓	↓	↓	↓	↓		
V-1290			INHIBITOR SAMPLER	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 35

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #14

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1240			H.P. Check Valve	LL	20PSI PRESS.	MONTHLY	21	N		
FL-1239			H.P. Line							
FL-1236			H.P. Inlet							
FL-1237			H.P. Inlet							
FL-1235			L.P. Outlet							
FL-1234			L.P. Valve							
FL-1233			L.P. Line							
FL-1241			L.P. Inlet							
FL-1242			L.P. Inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 36

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #15

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1301			H.P. check VALVE	LL	20PSI PRESS.	MONTHLY	21	N		
V-1302			H.P. DRAIN							
V-1239			L.P. check VALVE							
V-1294			PRESS. LINE							
V-1295			SAMPLE PORT							
V-1296			INHIBITOR LINE							
V-1297			INHIBITOR LINE							
V-1298			INHIBITOR SAMPLER							
V-1299			INHIBITOR SAMPLER							
V-1300			INHIBITOR LINE							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 37

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Top Level Cell #15

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1249			H.P. check VALVE	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1248			H.P. Line							
FL-1246			H.P. INLET							
FL-1247			H.P. INLET							
FL-1245			L.P. OUTLET							
FL-1244			L.P. check VALVE							
FL-1243			L.P. Line							
FL-1251			L.P. INLET							
FL-1252			L.P. INLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 38

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #1

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1308			DRAIN TO MANIFOLD	LL	20PSI PRESS.	MONTHLY	21	N		
V-1313			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1314			CELL BOTTOM SAMPLER	↓	↓	↓	↓	↓		
V-1419			HF. TO CELL	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 39

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 LOWER LEVEL CELL #1

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1259			BOTTOM OF CELL OUTLET	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -

Pumps
- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Lower Level Cell #2

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1309			DRAIN TO MANIFOLD	LL	20PSI PRESS.	MONTHLY	21	N		
V-1316			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1315			CELL BOTTOM SAMPLER	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lowee Level Cell #2

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1260			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Lower Level Cell #3

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1310			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1317			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1318			CELL BOTTOM SAMPLER	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 43

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #3

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1262			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 44

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1311			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1320			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1321			CELL BOTTOM SAMPLER	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1263			Cell Bottom Outlet	LL	PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4/6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #5

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1312			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1322			Cell Bottom OUTLET							
V-1323			Cell Bottom Sampler							
V-1325			cell TO FILTER							
V-1326			cell TO FILTER BYPASS							
V-1327			cell TO FILTER							
V-1328			Cell TO FILTER SAMPLER							
V-1329			CELL TO FILTER PRESS. GAUGE							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 47

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #5

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1264			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1266			Cell To Filter	↓	↓	↓	↓	↓		
FL-1267			Cell To Filter	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 48

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

NW Mngmnt. Unit: E-2 Lower Level Cell #6

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1212			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1338			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1339			CELL SAMPLE PORT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 49

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Lower Level Cell #6

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1272			Cell Bottom Outlet	LL	20PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -

Pumps
- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 50

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #7

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1217			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1336			CELL BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1337			CELL SAMPLE PORT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 51

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower level cell #7

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1271			cell Bottom outlet	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -

Pumps
- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 52

Identification and Monitoring Record
on Federal Equipment Leak Standards

Facility: Chicago

Unit Mngmnt. Unit: E-2 Lower Level Cell #8

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1223			DRAIN TO MANIFOLD LL		20PSI PRESS.	MONTHLY	21	N		
V-1334			CELL BOTTOM OUTLET LL		↓	↓	↓	↓		
V-1335			CELL SAMPLE PORT LL		↓	↓	↓	↓		

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = sed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 53

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 LOWER LEVEL CELL #8

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1270			CELL BOTTOM OUTLET	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 54

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Int Mngmnt. Unit: E-2 Lower Level Cell #9

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1228			DRAIN TO MANIFOLD LL		20 PSI PRESS.	MONTHLY	21	N		
V-1332			CELL BOTTOM OUTLET LL		↓	↓	↓	↓		
V-1333			CELL SAMPLE PORT LL		↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 55

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #9

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1269			Cell Bottom Outlet	LL	20PST PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 0001 = Sampling Connection System
OE 0001 = Open (Ended) Valve or Line

Equipment Types

Pumps

Packed = Stuffing box seal
1-Mech = Single mechanical seal
2 Mech = Double mechanical seal

Pressure Relief Devices

RV = Relief valve
RD = Rupture Disc

Service

G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 56

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: ChicAGO

DW Mngmnt. Unit: E-2- Lower Level Cell#10

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1233			DRAIN TO MANIFOLD	LL	20PSI PRESS.	MONTHLY	21	N		
V-1330			CELL BOTTOM OUTLET							
V-1331			CELL SAmple PORT							
V-1341			CELL TO FILTER							
V-1343			CELL TO FILTER							
V-1342			CELL TO FILTER BYPASS							
V-1340			CELL TO FILTER PRESS. GAUGE							
V-1344			CELL TO FILTER DRAIN							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 57

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #10

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1268			Cell Bottom Outlet	LL	2 PSI PRESS.	MONTHLY	21	N		
FL-1275			Cell To Filter							
FL-1274			After Filter							
FL-1273			After Filter							

LEGEND:

Equipment Identification Ing Nos. -

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2 Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 58

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

DOW Mngmnt. Unit: E-2 Lower Level cell #11

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1346			DRAIN TO MANIFOLD		2 OPSI PRESS.	MONTHLY	21	N		
V-1350			CELL BOTTOM OUTLET		↓	↓	↓	↓		
V-1351			CELL SAMPLE PORT.		↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 59

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #11

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1276			Cell Bottom Outlet		20PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 0001 = Sampling Connection System
OF 0001 = Open (fixed) Valve or Line

Equipment Types

Pumps

Packed = Stuffing box seal
1-Mech = Single mechanical seal
2 Mech = Double mechanical seal

Pressure Relief Devices

RV = Relief valve
RD = Rupture Disc

Service

G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 60

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: ChicAgo

DW Mngmnt. Unit: E-2 Lower Level Cell #12

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1347			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1352			Cell BOTTOM OUTLET	↓	↓	↓	↓	↓		
V-1353			Cell SAmple PORT	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 61

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Div Mngmnt. Unit: E-2 Lower Level

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1277			Cell Bottom Outlet LL		20PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2 Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Lower Level Cell #13

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1348			DRAIN TO MANIFOLD LL		20PSI PRESS.	MONTHLY	21	N		
V-1354			CELL BOTTOM OUTLET LL		↓	↓	↓	↓		
V-1355			CELL SAMPLE PORT. LL		↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1278			Cell Bottom Outlet	LL	20PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos.
- PU 0001 = Pump
- VA-0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 64

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: Lower Level Cell #14

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1349			DRAIN TO MANIFOLD	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1356			Cell Bottom outlet	LL	↓	↓	↓	↓		
V-1357			Cell Sample Port.	LL	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 Closed Vent System
- SS 0001 Sampling Connection System
- OE 0001 Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

Mgmnt. Unit: E-2 Lower Level Cell #15

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1358			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1359			Cell Sample Port.							
V-1364			Cell Aux. Outlet							
V-1362			Cell Aux. Outlet							

LEGEND:

Equipment Identification Ing Nos. -

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OF 0001 = Open (Open) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2 Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 65

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

NU Mngmnt. Unit: E-2 Lower Level Cell #14

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1279			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 Closed Vent System
- SS 0001 Sampling Connection System
- OE 0001 = Open Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 67

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Lower Level Cell #15

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1280			Cell Bottom Outlet	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1281			Light feed line To cell	LL	PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos.

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open (Exited) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2 Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 68

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Heavy Product Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
				LL	20PSI					
V-1110			Tank Aux. outlet		PRESS.	MONTHLY	21	N		
V-1111			Tank outlet to pump							
V-1126			Strainer Drain							
V-1143			Pump outlet Drain							
V-1113			Pump outlet check valve							
V-1112			Pump outlet valve							
V-1115			Pump outlet Sample valve							
V-1114			Pump outlet Press. Gauge							
V-1116			3-way valve inlet							
V-1118			3-way valve outlet							
V-1117			3-way valve Bypass							
V-1119			to Storage Press. Gauge							
V-1125			Tank to 3-way valve							
V-1365			Decant Sample valve							
V-1121			Decant Leg valve							
V-1120			Decant Leg Aux. outlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-2 HEAVY PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1122			Sightglass	TOP LL	20 PSI PRESS.	MONTHLY	21	N		
V-1123			Sightglass	BOTTOM LL	PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-2 HEAVY PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1067			DECANT Leg AT TANK	LL	20PSI PRESS.	MONTHLY	21	N		
FL-1068			Bottom outlet							
FL-1065			3-way valve							
FL-1063			3-way valve							
FL-1064			3-way valve							
FL-1062			Pump outlet							
FL-1061			Pump Inlet							
FL-1066			Line to storage							
FL-1096			vent line							

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 - Sampling Connection System
- OF 0001 = Open (Lined) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-2 HEAVY PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0140			TANK AUX. OUTLET LL		PRESS. 20PSI	MONTHLY	21	N		
OE-0141			DECANT LEG. AUX. OUTLET LL		PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 72

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-2 Light PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1127			AUX. OUTLET	LL	20 PSI PRESS.	MONTHLY	21	N		
V-1128			OUTLET TO PUMP							
V-1130			STRAINER DRAIN							
V-1131			PUMP OUTLET CHECK VALVE							
V-1132			PUMP OUTLET							
V-1134			PUMP OUTLET SAMPLE PORT							
V-1133			PUMP OUTLET PRESS. GAUGE							
V-1135			PUMP AUX. OUTLET							
V-1136			PUMP AUX. OUTLET BLOWOUT							
V-1137			INLET 3-WAY VALVE							
V-1139			OUTLET 3-WAY VALVE							
V-1138			BYPASS 3-WAY VALVE							
V-1140			TO STORAGE PRESS. GAUGE							
V-1141			SIGHTGLASS BOTTOM VALVE							
V-1142			SIGHTGLASS TOP							
V-1129			TANK BOTTOM AUX. OUTLET							

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline flange
- CV 0001 Closed Vent System
- SS 0001 Sampling Connection System
- OE 0001 Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 73

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Inf Mngmnt. Unit: E-2 Light Product Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
			TANK VENT	LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1097			TANK INLET							
FL-1077			BOTTOM OUTLET							
FL-1070			PUMP INLET							
FL-1071			PUMP OUTLET							
FL-1072			PUMP OUTLET							
FL-1073			3 WAY VALVE BOTTOM-Blind							
FL-1076			3 WAY VALVE INLET-Blind							
FL-1074			3 WAY VALVE OUTLET-Blind							
FL-1075			TO STORAGE TANK							
FL-1078										

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 74

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: E-2 Light PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0143			TANK AUX. OUTLET LL		20 PSIG PRESS.	MONTHLY	21	N		
OE-0145			Pump AUX. OUTLET LL							
OE-0144			TANK AUX. BOTTOM OUTLET LL							

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = mpling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 75

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Center Light Product Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service LL	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1146		C.P. Decant Drain			20PSI PRESS.	MONTHLY	21	N		
V-1150		C.P. Decant Drain Line								
V-1151		C.P. Decant Drain Line								
V-1144		C.L.P. Tank Bottom Outlet								
V-1145		C.L.P. Tank Bottom Outlet Drain								
V-1156		C.L.P. Tank Side Outlet								
V-1157		C.L.P. Tank Side Outlet Drain								
V-1147		C.L.P. Tank Sightglass Top								
V-1148		C.L.P. Tank Sightglass Bottom								
V-1149		C.L.P. Tank Sightglass Drain								
V-1154		C.P. Decant Leg								
V-1155		C.P. Decant Leg Aux. Drain								
V-1152		C.L.P. Center Line								
V-1153		C.L.P. Center Line Drain								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 76

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 CENTER LIGHT PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-		VENT TOP OF TANK		LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1081		C.P. INTO TANK								
FL-1080		C.L.P. CENTER LINE								
FL-1082		C.P. DECANT LEG TELLER TOP								
FL-1083		C.P. DECANT LEG TELLER BOTTOM								
FL-1079		C.L.P. TANK BOTTOM OUTLET								
FL-1084		C.P. DECANT DRAIN TELLER TOP								
FL-1085		C.P. DECANT DRAIN TELLER BOTTOM								
FL-1086		C.P. DECANT DRAIN LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 77

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 CENTER LIGHT PRODUCT TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0155		C.P. DECANT Leg Aux. DRAIN		LL	20 Psi PRESS.	MONTHLY	21	N		
OE-0154		Side TOP OUTLET line								
OE-0151		BOTTOM OUTLET line								
OE-0153		Side OUTLET line								
OE-		C.P. decant Tank BOT OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 78

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 HEAVY FEED SURGE TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service LL	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1384		SIGHTGLASS TOP			20 PSI PRESS.	MONTHLY	21	N		
V-1385		SIGHTGLASS BOTTOM								
V-1386		SIGHTGLASS DRAIN								
V-1383		H.F. REC. LINE CONTROL VALVE								
V-1317		PRESS. RELIEF VALVE								
V-1393		H.F. REC. LINE								
V-1394		H.F. REC. LINE AUX. INLET								
V-1387		H.F. LINE PRESS. IND TO CELL #1								
V-1388		H.F. LINE CONTROL VALVE TO CELL #1								
V-1389		H.F. LINE TO CELL #1								
V-1390		H.F. LINE LINE SAMPLE PORT								
V-1391		H.F. LINE SAMPLE PORT								
V-1392		H.F. LINE AUX. OUTLET								
V-1395		BOTTOM OUTLET LINE								
V-1396		BOTTOM OUTLET LINE DRAIN								
V-1418		H.F. LINE TO EXTRACTOR								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 79

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 HEAVY FEED SURGE TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service LL	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1294		H.F. Line			20 PSI PRESS.	MONTHLY	21	N		
FL-1293		H.F. Line AT TANK								
FL-1291		Rec. Line AT TANK								
FL-1292		Rec. Line AT VALVE								
FL-1261		RELIEF VALVE								
FL-1295		FEED LINE TO cell #1								
FL-1296		FEED LINE CONTROL VALVE TOP.								
FL-1297		FEED LINE CONTROL VALVE BOT.								
FL-1298		TANK BOTTOM OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 80

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 HEAVY FEED SURGE TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0159		H.F. Rec. Line Aux. Inlet		LL	20 PSI PRESS.	MONTHLY	21	N		
OE-0160		TANK BOTTOM OUTLET			↓	↓	↓	↓		
OE-0161		H.F. Line Aux. OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 81

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 CENTER HEAVY FEED SURGE TANK

Inspection Date: 7-30-91 OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1427		SIGHTGLASS BOTTOM								
V-1428		SIGHTGLASS TOP								
V-1429		SIGHTGLASS DRAIN								
V-1431		C.H.F. REC. LINE CONTROL VALVE								VALVE O.O.S.
V-1426		C.H.F. REC. LINE TO FEED PUMP								
V-1422		C.H.F. LINE AUX. OUTLET								
V-1423		C.H.F. LINE TO EXTRACTOR								
V-1430		C.H.F. LINE CONTROL VALVE								VALVE O.O.S.
V-1424		C.H.F. LINE TO EXTRACTOR								
V-1425		C.H.F. TO EXTRACTOR check VALVE								
V-1420		TANK BOTTOM OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 82

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Center Heavy Feed Surge Tank

Inspection Date: 7-30-91 OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1318		C.H.F. Feed Line								
FL-1319		C.H.F. Line AT TANK								
FL-1315		Rec. Line AT TANK								
FL-1316		Rec. Line BLIND								
FL-1317		Rec. Line BLIND								
FL-1313		Feed Line TO EXT. AT TANK								
FL-1312		Feed Line TO EXTRACTOR								
FL-1314		TANK BOTTOM OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 83

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Light Feed Surge Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1379		Sightglass Top		LL	20 PSI PRESS.	MONTHLY	21	N		
V-1380		Sightglass Bottom								
V-1382		Sightglass Drain								
V-1324		Relief Valve								
V-1381		Rec. Line Control Valve								
V-1375		Rec. Line To Feed Pump								
V-1376		Rec. Line Aux. Inlet								
V-1372		Feed Line To Ext. Aux. Outlet								
V-1373		Feed Line To Ext. Sample Port.								
V-1374		Feed Line To Ext. Sample Port.								
V-1371		Feed Line To Extractor								
V-1367		Feed Line To Ext. Control Valve								
V-1365		Feed Line To Extractor								
V-1366		Feed Line To Ext. Inhibitor Line								
V-1368		Feed Line To Ext. Inhibitor Line								
V-1369		Inhibitor Line Sample Port.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 84

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Light Feed SURGE TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1370		INHIBITOR LINE TO EXT. FEED LINE		LL	20 PSI PRESS.	MONTHLY	21	N		
V-1377		TANK BOTTOM OUTLET								
V-1378		TANK BOTTOM OUTLET DRAIN								
V-1364		FEED LINE TO EXT. AT MANIFOLD								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Light Feed Surge Tank

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1288		Rec. Line AT TANK		LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1289		Rec. Line AT CONTROL VALVE								
FL-1265		Relief VALVE								
FL-1283		TANK BOTTOM OUTLET								
FL-1282		Feed line TO EXT. AT TANK								
FL-1284		Feed Line TO CONTROL VALVE								
FL-1285		Feed Line TO CONTROL VALVE								
FL-1286		Feed Line FROM TF. #4								
FL-1287		Feed Line FROM TF. #4								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 86

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 Light Feed SURGE TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0157		TANK Bottom outlet Line		bh	20 PSI PRESS.	MONTHLY	21	N		
OE-0158		Rec. Line Aux. INlet			↓	↓	↓	↓		
		LightFeed line Aux. outlet			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 87

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 INHIBITOR TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-		TOP LOAD LINE			ATMOS.	MONTHLY	21	N		
V-		TANK OUTLET LINE								
V-		STRAINER DRAIN								
V-1451		PUMP DRAIN								
V-1450		PUMP AUX. OUTLET								
V-1449		PRESS INDICATOR								
V-1448		PUMP OUTLET LINE DRAIN								
V-1443		PUMP OUTLET LINE DRAIN								
V-1444		ROTA. BOT. TO P-2								
V-1445		ROTA BOT TO CELL#5,10,&D-2								
V-1446		PRESSURE RELIEF VALVE								
V-1454		INHIBITOR TO D-2								
V-1455		INHIBITOR TO P-2								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 88

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 INHIBITOR TANK

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-		Top LOAD Line		LL	ATmos.	MONTHLY	21	N		
OE-		pump Aux. OUTLET		LL	↓	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 89

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 Light Feed Pump

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1407		T-12 SIDE OUTLET TO PUMP		LL	20 PSI PRESS.	MONTHLY	21	N		
V-1408		T-11 SIDE OUTLET TO PUMP								
V-1409		AUX. PUMP OUTLET								
V-1410		STRAINER DRAIN INLET								
V-1411		STRAINER DRAIN								
V-1412		PUMP DRAIN								
V-1413		PRESS. INDICATOR								
V-1414		PUMP OUTLET CHECK VALVE								
V-1415		PUMP OUTLET BLOW OUT.								
V-1416		PUMP OUTLET TO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 90

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 Light Feed Pump

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1308		T-11 SIDE OUTLET TO PUMP		LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1309		T-12 SIDE OUTLET TO PUMP								
FL-1307		PUMP INLET								
FL-1306		PUMP INLET								
FL-1304		PUMP OUTLET								
FL-1305		PUMP OUTLET TO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 91

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 Light Feed Pump

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-		pump Aux. Inlet Line		LL	20PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 92

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 Heavy Feed Pump

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1406		T-13 SIDE OUTLET TO pump		LL	20 PSI PRESS.	MONTHLY	21	N		
V-1405		AUX. Pump INLET								
V-1404		STRAINER DRAIN								
V-1403		Pump DRAIN								
V-1402		PRESS. INDICATOR								
V-1401		Pump OUTLET Check Valve								
V-1460		Pump OUTLET BLOWOUT.								
V-1399		PUMP OUTLET TO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 93

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 HEAVY FEED PUMP

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1303		T-13 SIDE OUTLET TO PUMP		LL	20PSI PRESS.	MONTHLY	21	N		
FL-1302		T-13 SIDE OUTLET TO PUMP								
FL-1301		PUMP INLET								
FL-1299		PUMP OUTLET								
FL-1300		PUMP OUTLET TO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 94

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4 Heavy Feed Pump

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-		AUX. INLET LINE		LL	20 PSI PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 95

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1432		Light Feed Rec. Line To T-11		LL	20PSI PRESS.	MONTHLY	21	N		
V-1433		Light Feed Rec. Line To T-12								
V-1434		Light Feed Rec. Line DRAIN								
V-1435		Heavy Feed Rec. Line To T-13								
V-1463		Light Product Outlet By Wall								
V-1464		Light Product Outlet DRAIN								
V-1465		Light Product Outlet Line								
V-1417		Center Feed Surge Rec. To T-14								
V-1461		Heavy Product Outlet DRAIN								
V-1462		Heavy Product Outlet Line								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 96

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF-#4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1320		Light Feed Rec. To T-11		LL	20 PSI PRESS.	MONTHLY	21	N		
FL-1321		Light Feed Rec. To T-11								
FL-1322		Light Feed Rec. To T-12								
FL-1323		Light Feed Rec. To T-12								
FL-1324		Light Feed Rec. To T-12								
FL-1326		Heavy Feed Rec. To T-13								
FL-1327		Heavy Feed Rec. To T-13								
FL-1328		Heavy Product outlet By wall								
FL-1329		Light Product outlet Line								
FL-1330		Light, Product outlet Line								
FL-1331		Light Product outlet Line								
FL-1310		Center Feed Rec. To T-14								
FL-1311		Center Feed Rec. To T-14								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 97

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-2 TF#4

Inspection Date: 7-30-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
OE-0164		HEAVY PRODUCT OUTLET LINE		LL	20 PSI PRESS.	MONTHLY	21	N		
OE-0165		LIGHT PRODUCT OUTLET LINE			PRESS	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Tested on 7-24-91 while running A-NMP/TMC under 60psi press. conditions.
3 Leaks were detected page #24, #32 & #35 Temporary repaired 8-1-91

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0200		SIDE TOP LOAD LINE BLOWOUT		L.L.	60psi	MONTHLY	21	N		
E-1-V-0201		SIDE TOP LOAD LINE								
E-1-V-0202		SIDE TOP LOAD LINE								
E-1-V-0203		SIDE TOP LOAD LINE								
E-1-V-0204		SIGHTGLASS BOTTOM								
E-1-V-0205		BOTTOM INLET OR OUTLET LINE								
E-1-V-0206		SIDE OUTLET LINE TO PUMP								
E-1-V-0215		HEAVY FEED RECYCLE LINE-AT TANK								
E-1-V-0216		HEAVY FEED RECYCLE LINE DRAIN								
E-1-V-0217		HEAVY FEED RECYCLE LINE DRAIN								
E-1-V-0218		HEAVY FEED RECYCLE LINE DRAIN								
E-1-V-0207		STRAINER DRAIN								
E-1-V-0208		STRAINER DRAIN								
E-1-V-0209		PUMP OUTLET LINE DRAIN								
E-1-V-0210		PUMP OUTLET LINE PSI GAUGE								
E-1-V-0211		HEAVY FEED PREHEATER OUTLET DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0212		HEAVY FEED RECYCLE NORTH-ACT. VALVE		L.L	60 psi	MONTHLY	21	N		
E-1-V-0214		HEAVY FEED RECYCLE SOUTH-ACT. VALVE		L.L	60 psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0290		HEAVY FEED PUMP INLET		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0291		HEAVY FEED PUMP OUTLET		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0292		HEAVY FEED LINE AFTER PREHEATER		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-OE-0026		SIDE TOP LOAD LINE		LL	60psi	MONTHLY	21	N		
E-1-OE-0027		BOTTOM INLET OR OUTLET LINE		LL	60psi	MONTHLY	21	N		
E-1-OE-0028		TOP OF TANK		LL	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0347		SIDE TOP LOAD LINE		L.L.	60psi	MONTHLY	21	N		
E-1-V-0345		SIGHTGLASS TOP								
E-1-V-0346		SIGHTGLASS BOTTOM								
E-1-V-0251		BOTTOM OUTLET LINE								
E-1-V-0253		SIDE OUTLET LINE TO PUMP								
E-1-V-0254		PUMP INLET LINE DRAIN								
E-1-V-0295		LIGHT FEED RECYCLE LINE TO TANK								
E-1-V-0296		LIGHT FEED RECYCLE LINE TO TANK								
E-1-V-0255		PUMP OUTLET LINE DRAIN								
E-1-V-0257		PUMP OUTLET LINE PSI GAUGE								
E-1-V-0258		LIGHT FEED LINE BLOWOUT-BYWALL								
E-1-V-0259		SOUTH LIGHT FEED - ACT. VALVE								
E-1-V-0260		SOUTH LIGHT FEED LINE TO CELL #5 & #6								
E-1-V-0290		LIGHT FEED RECYCLE SOUTH - ACT. VALVE								
E-1-V-0294		LIGHT FEED RECYCLE NORTH - ACT. VALVE								
E-1-V-0291		NORTH LIGHT FEED LINE TO CELL #10								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0292		NORTH LIGHT FEED LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0293		NORTH LIGHT FEED LINE - ACT. VALVE.		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 7

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT FEED TANK & Pump

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0293		LIGHT FEED PUMP INLET		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0294		LIGHT FEED PUMP OUTLET		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT FEED TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-OE-0032		SIDE TOP LOAD LINE		LL	60psi	MONTHLY	21	N		
		BOTTOM OUTLET LINE		LL	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY PRODUCT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0250		SIDE TOP LOAD LINE BLOWOUT		L.L.	60psi	MONTHLY	21	N		
E-1-V-0249		SIDE TOP LOAD LINE								
E-1-V-0236		SIGHTGLASS BOTTOM								
E-1-V-0237		BOTTOM OUTLET LINE								
E-1-V-0238		SIDE OUTLET LINE TO PUMPS								
E-1-V-0239		PUMP STRAINER DRAIN								
E-1-V-0240		PUMP #1 INLET LINE								
E-1-V-0247		PUMP #1 OUTLET LINE PSI GAUGE								
E-1-V-0246		PUMP #1 OUTLET LINE								
E-1-V-0241		PUMP #2 INLET LINE								
		PUMP #2 OUTLET LINE PSI GAUGE								
E-1-V-0242		PUMP #2 OUTLET LINE								
E-1-V-0243		PUMP #2 OUTLET LINE BLOWOUT								
E-1-V-0244		PUMP #2 OUTLET LINE								
E-1-V-0245		PUMPS OUTLET LINE RECYCLE TO TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY PRODUCT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-OE-0030		HEAVY PRODUCT PUMP OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-OE-0031		SIDE TOP LOAD LINE		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT PRODUCT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0227		SIDE TOP LOAD LINE		L.L.	60psi	MONTHLY	21	N		
E-1-V-0226		BOTTOM OUTLET LINE								
E-1-V-0219		SIGHTGLASS BOTTOM								
E-1-V-0220		SIDE OUTLET LINE TO PUMP								
E-1-V-0221		PUMP STRAINER DRAIN								
E-1-V-0222		PUMP OUTLET LINE PSI GAUGE								
E-1-V-0223		PUMP OUTLET LINE RECYCLE TO TANK								
E-1-V-0224		PUMP OUTLET LINE								
E-1-V-0225		PUMP OUTLET LINE BLOWOUT								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT PRODUCT TANK & PUMP

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-OE-0033		LIGHT PRODUCT PUMP OUTLET LINE		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 13

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 HEAVY PRODUCT DECANT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0231		BOTTOM OUTLET LINE		L.L.	60PSI	MONTHLY	21	N		
E-1-V-0232		SIGHTGLASS BOTTOM		↓	↓	↓	↓	↓		
E-1-V-0233		DECANT LEG		↓	↓	↓	↓	↓		
E-1-V-0234		DECANT LEG TO LIGHT FEED TANK		↓	↓	↓	↓	↓		
E-1-V-0235		DECANT LEG TO LIGHT FEED TANK		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT PRODUCT DECANT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0228		BOTTOM OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-V-0229		SIGHTGLASS BOTTOM		L.L.	60psi	MONTHLY	21	N		
E-1-V-0230		DECANT LEG		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 15

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 LIGHT PRODUCT DECANT TANK

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-OE-0029		DECANT LEG LINE		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #1

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0213		SOUTH HEAVY FEED INLET ACT. VALVE	LLS	60psi	MONTHLY	21	N			
E-1-V-0274		SAMPLE PORT TOP OF CELL								
E-1-V-0275		SAMPLE PORT TOP OF CELL								
E-1-V-0272		INHIBITOR LINE TOP OF CELL								
E-1-V-0344		LIGHT PHASE INLET LINE DRAIN								
E-1-V-0297		HEAVY PHASE OUTLET LINE DRAIN								
E-1-V-0271		SOUTH LIGHT PRODUCT OUTLET ACT. VALVE								
E-1-V-0270		SOUTH LIGHT PRODUCT OUTLET LINE								
E-1-V-0269		SOUTH LIGHT PRODUCT OUTLET ACT. VALVE								
E-1-V-0266		LIGHT PRODUCT DEC. LINE								
E-1-V-0268		LIGHT PRODUCT DEC. LINE								
E-1-V-0267		LIGHT PRODUCT DEC. LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00(Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 17

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #1

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0332		LIGHT PHASE INLET LINE-W		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0300		HEAVY PHASE OUTLET LINE-E		L.L.	60psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #2

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0301		HEAVY PHASE OUTLET DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0298		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0299		PSI GAUGE TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0343		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0392		LIGHT PHASE INLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #2

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0303		HEAVY PHASE OUTLET LINE - E		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0301		HEAVY PHASE INLET LINE - E		↓	↓	↓	↓	↓		
E-1-FL-0331		LIGHT PHASE OUTLET LINE - W		↓	↓	↓	↓	↓		
E-1-FL-0330		LIGHT PHASE INLET LINE - W		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #3

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0302		HEAVY PHASE OUTLET LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0300		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0229		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0340		LIGHT PHASE INLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #3

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0304		HEAVY PHASE OUTLET LINE		L.L.	Ops.	MONTHLY	21	N		
E-1-FL-0302		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0329		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0328		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: E-1 CELL #4

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0311		HEAVY PHASE OUTLET LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0303		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0304		INHIBITOR LINE TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0305		SAMPLE PORT TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0339		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0338		LIGHT PHASE INLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #4

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0306		HEAVY PHASE OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0305		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0327		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0326		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #5

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0280		HEAVY PHASE OUTLET LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0281		H.P. DECANT LINE TO DECANT TANK								
E-1-V-0282		H.P. DECANT ACT. VALVE								
E-1-V-0279		HEAVY PHASE LINE TO CELL #6								Temp. Repair 8-1-91
E-1-V-0306		HEAVY PHASE INLET CHECK VALVE						Y		Repaired 8-12-91
E-1-V-0307		PSI GAUGE TOP OF CELL						N		
E-1-V-0283		DECANT TO H.P DECANT TANK								
E-1-V-0284		DECANT TO H.P. DECANT TANK								
E-1-V-0285		DECANT LINE DRAIN								
E-1-V-0337		LIGHT PHASE OUTLET CHECK VALVE								
E-1-V-0261		LIGHT FEED LINE TO CELL #6 TOP								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended [illegible] or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 25

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #5

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0298		H.P. OUTLET LINE TO CELL #6 DEC. TANK		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0307		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0295		LIGHT FEED INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0296		LIGHT FEED LINE TO CELL #6 TOP		↓	↓	↓	↓	↓		
E-1-FL-0325		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #6

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0310		HEAVY PHASE OUTLET LINE DRAIN		L.L.	60 psi	MONTHLY	21	N		
E-1-V-0278		HEAVY PHASE INLET CHECK VALVE								
E-1-V-0308		INHIBITOR LINE								
E-1-V-0309		SAMPLE PORT TOP OF CELL								
E-1-V-0263		L.P. DECANT ACT. VALVE TO DECANT TANK								
E-1-V-0264		L.P. DECANT LINE TO TANK								
E-1-V-0265		L.P. DECANT LINE DRAIN								
E-1-V-0248		L.P. DECANT LINE TO TANK								
E-1-V-0336		LIGHT PHASE OUTLET CHECK VALVE								
E-1-V-0262		L.P. DECANT TO TANK								
E-1-V-0276		HEAVY FEED LINE TO CELL #6								
E-1-V-0277		HEAVY FEED INLET ACT. VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 27

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #6

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0308		HEAVY PHASE OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0297		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0324		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0323		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 28

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #7

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0315		HEAVY PHASE OUTLET LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0312		HEAVY PHASE INLET CHECK VALVE								
E-1-V-0313		LINE TO PSI GAUGE TOP OF CELL								
E-1-V-0314		SAMPLE PORT TOP OF CELL								
E-1-V-0334		LIGHT PHASE OUTLET CHECK VALVE								
E-1-V-0333		LIGHT PHASE INLET LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 29

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #7

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0310		HEAVY PHASE OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0309		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0322		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0321		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 30

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-1 CELL #8

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0319		HEAVY PHASE OUTLET DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0316		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0317		LINE TO PSI GAUGE TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0318		SAMPLE PORT TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0332		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0331		LIGHT PHASE INLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 31

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #8

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0318		HEAVY PHASE OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0311		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0320		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0319		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 32

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #9

Inspection Date: 11-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0324		HEAVY PHASE OUTLET LINE DRAIN		L.L	60psi	MONTHLY	21	N		
E-1-V-0320		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	Y		Temp. Repair 8-19
E-1-V-0321		SAMPLE PORT LINE TOP OF CELL		↓	↓	↓	↓	N		
E-1-V-0322		INHIBITOR LINE TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0323		SAMPLE PORT TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0330		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0331		LIGHT PHASE INLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 33

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #9

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0314		HEAVY PHASE OUTLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0313		HEAVY PHASE INLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0318		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0317		LIGHT PHASE INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 34

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #10

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-V-0289		HEAVY PRODUCT DEC. OUTLET LINE DRAIN		L.L.	60psi	MONTHLY	21	N		
E-1-V-0288		HEAVY PROD. DEC. ACT. VALVE		↓	↓	↓	↓	↓		
E-1-V-0287		HEAVY PROD. DEC. TO TANK		↓	↓	↓	↓	↓		
E-1-V-0286		HEAVY PROD. DEC. LINE DRAIN		↓	↓	↓	↓	↓		
E-1-V-0325		HEAVY PHASE INLET CHECK VALVE		↓	↓	↓	↓	↓		
E-1-V-0326		SAMPLE PORT TOP OF CELL		↓	↓	↓	↓	↓		
E-1-V-0328		LIGHT PHASE OUTLET CHECK VALVE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 35

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 CELL #10

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
E-1-FL-0315		HEAVY PHASE INLET LINE		L.L.	60psi	MONTHLY	21	N		
E-1-FL-0316		LIGHT PHASE OUTLET LINE		↓	↓	↓	↓	↓		
E-1-FL-0299		NORTH LIGHT FEED INLET LINE		↓	↓	↓	↓	Y		Temp. Repair 8-1-91

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Tested on 7-29-91 while running A-NMP-Ch2Cl2 strip, under 2 PSI press conditions. No leaks detected.

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 New Room

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-V-0140		LTO OUTLET LINE BLOWOUT		LL	2psi	MONTHLY	21	N		
P-1-V-0141		LTO OUTLET LINE AFTER METER								
P-1-V-0142		LTO OUTLET LINE METER BYPASS								
P-1-V-0143		LTO OUTLET LINE BEFORE METER								
P-1-V-0155		UTO OUTLET LINE BLOWOUT								
P-1-V-0156		UTO OUTLET LINE								
P-1-V-0157		UTO OUTLET LINE AFTER METER								
P-1-V-0158		UTO OUTLET LINE METER BYPASS								
P-1-V-0159		UTO OUTLET LINE BEFORE METER								
P-1-V-0160		UTO LEVEL CONTROL BYPASS								
P-1-V-0199		UTO LEVEL CONTROL VALVE								
P-1-V-0161		UTO LEVEL CONTROL BEFORE VALVE								
P-1-V-0162		UTO LEVEL CONTROL AFTER VALVE								
P-1-V-0163		UTO REFLUX BEFORE METER								
P-1-V-0164		UTO REFLUX METER BYPASS								
P-1-V-0165		UTO REFLUX AFTER METER		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-V-0166		4TO REFLUX TO FEED LINES		LL	2psi	MONTHLY	21	N		
P-1-V-0167		TOP FEED LINE								
P-1-V-0186		MIDDLE FEED LINE								
P-1-V-0185		BOTTOM (POT) FEED LINE								
P-1-V-0184		FEED LINE METER BYPASS								
P-1-V-0183		FEED LINE AFTER METER								
P-1-V-0182		FEED LINE BEFORE METER								
P-1-V-0178		FEED LINE INLET BLOWOUT								
P-1-V-0179		FEED LINE INLET TO PUMP								
P-1-V-0153		LTO PUMP AUX. INLET LINE								
P-1-V-0152		LTO LINE BEFORE STRAINER								
P-1-V-0154		LTO STRAINER DRAIN								
P-1-V-0195		MAIN VENT COND. RELIEF LINE/E-1 TO HF								
		TOP OF POT PSI GAUGE								
P-1-V-0196		POT SIGHTGLASS DRAIN								
P-1-V-0197		POT SIGHTGLASS TOP								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-V-0198		POT SIGHTGLASS BOTTOM		L.L.	2 psi	MONTHLY	21	N		
P-1-V-0175		UTO SURGE TANK PSI GAUGE		↓	↓	↓	↓	↓		
P-1-V-0176		UTO SURGE TANK SIGHTGLASS TOP		↓	↓	↓	↓	↓		
P-1-V-0177		UTO SURGE TANK SIGHTGLASS BOT.		↓	↓	↓	↓	↓		
P-1-V-0174		UTO SURGE TANK TOP SIDE DRAIN		↓	↓	↓	↓	↓		
P-1-V-0169		UTO SURGE TANK BOTTOM DRAIN		↓	↓	↓	↓	↓		
P-1-V-0173		UTO SURGE TANK BOT. SIDE DRAIN		↓	↓	↓	↓	↓		
P-1-V-0170		UTO PUMP STRAINER DRAIN		↓	↓	↓	↓	↓		
P-1-V-0168		UTO RETURN LINE TO UTO SURGE TANK		↓	↓	↓	↓	↓		
P-1-V-0171		UTO PUMP OUTLET LINE PSI GAUGE		↓	↓	↓	↓	↓		
P-1-V-0172		UTO PUMP OUTLET LINE TO COOLER		↓	↓	↓	↓	↓		
P-1-V-0180		FEED PUMP STRAINER DRAIN		↓	↓	↓	↓	↓		
P-1-V-0181		FEED PUMP OUTLET LINE PSI GAUGE		↓	↓	↓	↓	↓		
P-1-V-0151		LTO LINE AFTER STRAINER		↓	↓	↓	↓	↓		
P-1-V-0150		LTO LINE AFTER COOLER-PUMP INLET		↓	↓	↓	↓	↓		
P-1-V-0148		LTO PUMP OUTLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 NEW ROOM

Inspection Date: 9-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-V-0147		LTO PUMP OUTLET LINE DRAIN		L.L.	2psi	MONTHLY	21	N		
P-1-V-0146		LTO PUMP OUTLET LINE PSI GAUGE		↓	↓	↓	↓	↓		
P-1-V-0149		LTO PUMP OUTLET LINE - BACK TO INLET LINE		↓	↓	↓	↓	↓		
P-1-V-0144		LTO RECIR. LINE TO POT CHECK VALVE		↓	↓	↓	↓	↓		
P-1-V-0145		LTO RECIRCULATING LINE TO POT		↓	↓	↓	↓	↓		
P-1-V-0194		BACK PRESS. REGULATOR DRAIN		↓	↓	↓	↓	↓		
P-1-V-0192		BACK PRESS. REGULATOR BYPASS		↓	↓	↓	↓	↓		
P-1-V-0193		BACK PRESS. REGULATOR INLET		↓	↓	↓	↓	↓		
P-1-V-0191		VENT TRAP FOR LIQUID DISCHARGE DRAIN		↓	↓	↓	↓	↓		
P-1-V-0190		VENT TRAP FOR LIQUID DISCHARGE INLET		↓	↓	↓	↓	↓		
P-1-V-0189		AIR LINE TO SURGE		↓	↓	↓	↓	↓		
P-1-V-0188		MAIN VENT COND. PRESS. RELIEF VALVE		↓	↓	↓	↓	↓		
P-1-V-0187		MAIN CONDENSER TOP PSI GAUGE		↓	↓	↓	↓	↓		
		VENT COND PRV LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-FL-0270		LTO OUTLET LINE METER BOTTOM		L.L.	2psi	MONTHLY	21	N		
P-1-FL-0271		LTO OUTLET LINE METER TOP								
P-1-FL-0272		UTO OUTLET LINE METER BOTTOM								
P-1-FL-0273		UTO OUTLET LINE METER TOP								
P-1-FL-0274		FEED LINE METER BOTTOM								
P-1-FL-0275		FEED LINE METER TOP								
P-1-FL-0276		POT SIGHT WINDOW EAST SIDE								
P-1-FL-0277		POT TOP (BLIND)								
P-1-FL-0283		UTO SURGE TANK TOP FLOAT								
P-1-FL-0284		UTO SURGE TANK TOP FLOAT								
P-1-FL-0278		POT SIGHT WINDOW WEST SIDE								
P-1-FL-0279		TOP OF COLUMN VAPOR OUTLET								
P-1-FL-0280		VAPOR OUTLET LINE TO MAIN COND.								
P-1-FL-0281		UTO COOLER TOP								
P-1-FL-0282		UTO COOLER BOTTOM								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-1 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
P-1-OE-0020		LTO OUTLET LINE		L.L.	2 psi	MONTHLY	21	N		
P-1-OE-0021		UTO OUTLET LINE		↓	↓	↓	↓	↓		
P-1-OE-0022		FEED PUMP INLET LINE		↓	↓	↓	↓	↓		
P-1-OE-0023		LTO PUMP AUX. INLET LINE		↓	↓	↓	↓	↓		
P-1-OE-0024		MAIN VENT COND. P.R.V. LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

A complete teste was done on These Tanks on 7-29-91 2 Leaks were detected T-143 Page #2 & T-143 Page #1. Temporary repaired 8-1-91

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#140 NEW Room

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-140-V-11		VENT TO ATMOSPHERIC		L.L.	ATMOS	MONTHLY	21	N		
T-140-V-09		RELIEF VALVE		↓	↓	↓	↓	↓		
T-140-V-08		SIGHTGLASS TOP		↓	↓	↓	↓	↓		
T-140-V-10		PSI GAUGE TOP OF TANK		↓	↓	↓	↓	↓		
T-140-V-05		SIGHTGLASS BOTTOM		↓	↓	↓	↓	↓		
T-140-V-04		SIGHTGLASS DRAIN		↓	↓	↓	↓	↓		
T-140-V-07		TOP LOAD LINE		↓	↓	↓	↓	↓		
T-140-V-02		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-140-V-01		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓		
T-140-V-03		BOTTOM OUTLET LINE CHECK VALVE		↓	↓	↓	↓	↓		
T-140-V-06		DECANT INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: T #140 NEW Room

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-140-FL-08		M.W. TOP HATCH		L.L.	ATMOS	MONTHLY	21	N		
T-140-FL-09		BLIND TOP OF TANK		↓	↓	↓	↓	↓		
T-140-FL-07		F-2 DECANT INLET LINE		↓	↓	↓	↓	↓		
T-140-FL-06		TOP OF TANK TO F-2 VENT LINE		↓	↓	↓	↓	↓		
T-140-FL-10		BLIND SIDE OF TANK		↓	↓	↓	↓	↓		
T-140-FL-03		BLIND SIDE OF TANK		↓	↓	↓	↓	↓		
T-140-FL-02		BOTTOM OUTLET LINE-AT TELLER		↓	↓	↓	↓	↓		
T-140-FL-01		BOTTOM OUTLET LINE-AT TELLER		↓	↓	↓	↓	↓		
T-140-FL-04		TOP LOAD LINE		↓	↓	↓	↓	↓		
T-140-FL-05		TOP LOAD LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#140 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-140-OE-02		DECANT INLET LINE		L.L.	ATMOS	MONTHLY	21	N		
T-140-OE-03		TOP LOAD LINE		↓	↓	↓	↓	↓		
T-140-OE-01		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: T#143 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-143-V-01		BOTTOM OUTLET LINE		LL	ATMOS	MONTHLY	21	N		
T-143-V-02		BOTTOM OUTLET LINE C.V.		↓	↓	↓	↓	↓		
T-143-V-04		SIGHTGLASS BOTTOM								
T-143-V-03		SIGHTGLASS DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = osed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: T#143 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-143-OE-01		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	Visual Yes		Temp. Repair 8-1-91
T-143-OE-02		TOP LOAD LINE		↓	↓	↓	↓	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#144 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-144-V-07		SIGHTGLASS TOP		L.L.	ATMOS	MONTHLY	21	N		
T-144-V-06		SIGHTGLASS BOTTOM		↓	↓	↓	↓	↓		
T-144-V-05		SIGHTGLASS DRAIN		↓	↓	↓	↓	↓		
T-144-V-04		AUX. BOTTOM OUTLET		↓	↓	↓	↓	↓		
T-144-V-03		BOTTOM OUTLET LINE C.V.		↓	↓	↓	↓	↓		
T-144-V-02		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-144-V-01		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#144 New Room

Inspection Date: 9-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-144-FL-04		TOP LOAD LINE		L.L.	ATMOS	MONTHLY	21	N		
T-144-FL-01		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-144-FL-02		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-144-FL-03		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#144 New Room

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-144-OE-03		Top Load Line		L.L.	Atmos	Monthly	21	N		
T-144-OE-01		Bottom Outlet Line		↓	↓	↓	↓	↓		
T-144-OE-02		Aux. Bottom Outlet Line		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#146 New Room

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-14b-V-03		Bottom Outlet Line C.V.		L.L.	Atmos	Monthly	21	N		
T-14b-V-02		Bottom Outlet Line		↓	↓	↓	↓	↓		
T-14b-V-01		Bottom Outlet Line Drain		↓	↓	↓	↓	↓		
T-14b-V-04		Sightglass Top		↓	↓	↓	↓	↓		
T-14b-V-05		Sightglass Bottom		↓	↓	↓	↓	↓		
T-14b-V-06		Sightglass Drain		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#146 NEW Room

Inspection Date: 2-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-146-FL-03		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	N		
T-146-FL-01		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-146-FL-02		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-146-FL-04		TOP LOAD LINE		↓	↓	↓	↓	↓		
T-146-FL-05		TOP LOAD LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#146 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-146-OE-01		TOP LOAD LINE		L.L	ATMOS	MONTHLY	21	N		
T-146-OE-02		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#148 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-148-V-01		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	N		
T-148-V-02		BOTTOM OUTLET LINE C.V.		↓	↓	↓	↓	VISUAL		TEMP REPAIR 8-1-91
T-148-V-03		AUX. BOTTOM OUTLET LINE		↓	↓	↓	↓	N		
T-148-V-06		SIGHTGLASS TOP		↓	↓	↓	↓	↓		
T-148-V-04		SIGHTGLASS BOTTOM		↓	↓	↓	↓	↓		
T-148-V-05		SIGHTGLASS DRAIN		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#148 NEW Room

Inspection Date: 9-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-148-FL-03		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	N		
T-148-FL-02		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-148-FL-01		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-148-FL-04		TOP LOAD LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T#148 NEW ROOM

Inspection Date: 7-29-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-148-OE-01		BOTTOM OUTLET LINE		L.L.	ATMOS	MONTHLY	21	N		
T-148-OE-02		AUX. BOTTOM OUTLET LINE		↓	↓	↓	↓	↓		
T-148-OE-03		TOP LOAD LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00L Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Tested on 6-25-91 while running BLO crude under 26 vac. conditions. No leaks detected. Note: Luwa runned under vacuum for two weeks that is the reason it was tested under vacuum.

Identification and Monitoring Record for Federal Equipment Leak Standards

Sheet No. 1

Facility: Chicago

HW Mngmnt. Unit: LUWA Roof Level

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service LL	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-FL-0736		Feed Line Inlet-at Column			26 Vac.	Monthly	21	N		
-FL-0737		Feed Line Flexible - Top			↓	↓	↓	↓		
-FL-0738		Feed Line Flexible Bottom								
-FL-0739		Demister Drain at Column								
-FL-0740		Demister Drain Bottom of Demister								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -

Pumps
- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LWWA - LEVEL #2

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0821		FEED LINE 3-WAY MANIFOLD VALVE		LL	26 Vac.	MONTHLY	21	N		
L-V-0822		FEED LINE METER BOTTOM								
L-V-0823		FEED LINE PRESS. INDICATOR								
L-V-0824		FEED LINE METER TOP								
L-V-0825		FEED LINE METER BYPASS								
L-V-0826		FEED TO PREHEATER INLET								
L-V-0827		FEED TO PREHEATER BYPASS								
L-V-0828		FEED TO PREHEATER OUTLET								
L-V-0829		RUPTURE DISC SAMPLE PORT								
L-V-0830		RUPTURE DISC SAMPLE PORT								
L-V-0831		RELIEF VALVE AFTER RUPTURE DISC.								
L-V-0834		FEED PREHEATER VENT LINE								
L-V-0835		FEED PREHEATER VENT LINE								
L-V-0836		FEED PREHEATER VENT LINE								
L-V-0837		FEED LINE TO PREHEATER DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA LEVEL #2

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0707		FEED LINE TO ROTAMETER		LL	26 vac.	Monthly	21	N		
L-FL-0708		FEED LINE TO ROTA - AT MANIFOLD VALVE								
L-FL-0709		FEED LINE FROM TF#4 - AT MANIFOLD VALVE								
L-FL-0710		FEED LINE FROM TF#5 - AT MANIFOLD VALVE								
L-FL-0711		FEED LINE FROM TF#5								
L-FL-0712		FEED LINE FROM TF#5								
L-FL-0713		FEED LINE TO METER								
L-FL-0714		FEED LINE TO METER OR BYPASS								
L-FL-0715		FEED LINE METER BOTTOM								
L-FL-0716		FEED LINE METER TOP								
L-FL-0717		FEED LINE TO PREHEATER								
L-FL-0718		FEED LINE TO PREHEATER OR BYPASS								
L-FL-0719		FEED LINE TO PREHEATER INLET								
L-FL-0720		FEED LINE TO PREHEATER OUTLET								
L-FL-0721		FEED LINE AT CONTROL VALVE								
L-FL-0722		FEED LINE AT CONTROL VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA LEVEL #2

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0723		FEED LINE RUPTURE DISC		LL	26 vac.	Monthly	21	N		
L-FL-0724		VENT CONDENSER								
L-FL-0725		VENT LINE RUPTURE DISC								
L-FL-0726		VENT LINE AT FLEX TOP								
L-FL-0727		VENT LINE AT FLEX BOTTOM								
L-FL-0728		VENT LINE AT UTO SURGE TANK								
L-FL-0729		VENT COND. BOT. AT TELLER TOP								
L-FL-0730		VENT COND. BOTTOM AT TELLER BOTTOM								
L-FL-0731		VENT COND. TELLER								
L-FL-0732		VENT COND. BOTTOM LINE TO K.O. TANK								
L-FL-0733		LTO COOLER OUTLET LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA LEVEL #1

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
		FEED LINE TO ROTAMETER		LL	26 Vac.	Monthly	21	N		
L-V-0771		FEED LINE ROTAMETER BYPASS								
L-V-0772		FEED ROTAMETER BOTTOM								
L-V-0773		FEED ROTAMETER TOP								
L-V-0774		FEED ROTAMETER SAMPLE PORT								
L-V-0766		UTO RECIR. LINE TO FEED ROTA								
L-V-0769		AUX. FEED LINE - FROM WALL BY ROTA.								
L-V-0763		UTO RECIR. LINE TO FEED - CHECK VALVE								
L-V-0820		POT PRESS. IND.								
L-V-0819		LTO RECIR. LINE TO POT - TOP OF POT								
L-V-0777		COALESCER TOP LINE TO WALL								
L-V-0776		COALESCER BOT. LINE TO WALL								
L-V-0764		UTO OUTLET LINE TO WALL								
L-V-0762		UTO RECIR. LINE TO FEED ROTA								
L-V-0760		UTO LINE TO COALESCER								
L-V-0748		UTO SURGE TANK TO PUMP INLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Unit Mngmnt. Unit: LUWA LEVEL #1

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0758		TOTALIZER VALVE		LL	26 Vac.	Monthly	21	N		
L-V-0759		TOTALIZER OUTLET LINE								
L-V-0775		LTO RECIR. LINE TO SURGE TANK								
L-V-0749		LTO SURGE TANK SIGHTGLASS DRAIN								
L-V-0750		LTO SURGE TANK SIGHTGLASS BOT.								
L-V-0751		LTO SURGE TANK SIGHTGLASS TOP								
L-V-0782		LTO SURGE CLEANOUT Y								
L-V-0807		LTO COOLER BOTTOM INLET								
L-V-0808		LTO COOLER BOT. INLET DRAIN STEAM CON.								
L-V-0809		LTO COOLER BOT. INLET DRAIN								
L-V-0810		LTO COOLER BOTTOM INLET BYPASS								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

OU Mngmnt. Unit: LUWA LEVEL #1

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0636		UTO RECIR. LINE TO FEED ROTA - AT CHECK VALVE		LL	26 Vac.	Monthly	21	N		
L-FL-0637		UTO RECIR. LINE TO FEED ROTA - AT CHECK VALVE								
L-FL-0638		UTO RECIR. LINE TO FEED LINE								
L-FL-0639		AUX. FEED LINE FROM WALL								
L-FL-0642		FEED LINE TO ROTAMETER								
L-FL-0643		FEED LINE TO ROTAMETER BLIND								
L-FL-0644		FEED LINE TO PREHEATER								
L-FL-0645		FE D ROTAMETER TOP								
L-FL-0646		FEED ROTAMETER BOTTOM								
L-FL-0702		(BLIND) SIDE OF LTO SURGE								
L-FL-0703		LTO SURGE LEVEL CONTROL								
L-FL-0698		COLUMN TO LTO SURGE TOP OF TELLER								
L-FL-0697		LTO SURGE TOP - BOTTOM OF TELLER								
L-FL-0699		COLUMN TO LTO SURGE TELLER								
L-FL-0700		COLUMN TO LTO SURGE TELLER								
		COLUMN TO LTO SURGE TOP OF FLEX								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA LEVEL #1

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0694		LTO RECIR. LINE TO SURGE		LL	26 Vac.	Monthly	21	N		
L-FL-0695		LTO RECIR. LINE TO SURGE (BLIND)								
L-FL-0696		LTO RECIR. LINE TO SURGE TOP								
L-FL-0657		COALESCER TOP LINE AT FLEX. TOP								
L-FL-0658		COALESCER TOP LINE AT FLEX. BOTTOM								
L-FL-0656		COALESCERS TOP LINE TELLER								
L-FL-0650		COALESCER TOP SIDE (BLIND)								
L-FL-0649		COALESCER BOT. SIDE (BLIND)								
L-FL-0651		COALESCER BOT. LINE TELLER								
L-FL-0652		COALESCER BOT. LINE TO WALL - AT FLEX								
L-FL-0653		COALESCER BOT. LINE TO WALL - AT FLEX								
L-FL-0634		UTO LINE TO COALESCER - AT COALESCER								
L-FL-0622		UTO SURGE LINE TO PUMP-TELLER BOT.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00/ Closed Vent System
- SS 000, = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA LEVEL #1

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0623		UTO SURGE LINE TO PUMP-TELLER TOP		LL	26 Vac.	Monthly	21	N		
L-FL-0624		UTO SURGE TANK LEVEL CONTROL LINE BOT.								
L-FL-0625		UTO SURGE TANK - SIDE BLIND								
L-FL-0626		UTO SURGE TANK LEVEL CONTROL								
L-FL-0627		UTO LEVEL CONTROL TOP								
L-FL-0632		TOTALIZER VALVE BOT.								
L-FL-0633		TOTALIZER VALVE TOP								
L-FL-0654		COALESCER BOT. LINE TO WALL								
L-FL-0655		COALESCER TOP LINE TO WALL								
L-FL-0647		UTO LINE TO WALL								
L-FL-0636		LTO LINE AFTER COOLER TO WALL								
L-FL-0692		LTO LINE COOLER BYPASS TO WALL								
		LTO SURGE TELLER WINDOW								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWI Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0783		LTO #1 INLET		LL	26 Vac.	Monthly	21	N		
L-V-0784		LTO #1 INLET DRAIN								
L-V-0785		LTO #1 PUMP RELIEF VALVE								
L-V-0788		LTO #1 AUX. OUTLET								
L-V-0667		LTO #1 OUTLET DRAIN								
L-V-0789		LTO #1 OUTLET TO LTO #2 INLET								
L-V-0791		LTO #1 OUTLET TO LTO #2 INLET SAMPLE VALVE								
L-V-0815		LUWA TO LTO #2 CHECK VALVE								
L-V-0816		LUWA TO LTO #2 BALL VALVE								
L-V-0817		LUWA TO LTO #2 DRAIN								
L-V-0797		LTO #1 TO COOLER SAMPLE VALVE								
L-V-0798		LTO #1 TO COOLER SAMPLE VALVE								
L-V-0787		LTO #1 OUTLET PSI GAUGE								
L-V-0792		LTO #2 AUX. INLET								
L-V-0793		LTO #2 PUMP HOUSING DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0794		LTO #2 PUMP SEAL FLUSH LINE		LL	26 Vac.	Monthly	21	N		
L-V-0795		LTO #2 PUMP SEAL FLUSH LINE								
L-V-0796		LTO #2 PUMP SEAL FLUSH LINE								
L-V-0799		LTO #2 OUTLET PSI GAUGE								
L-V-0800		LTO #2 OUTLET TO COOLER								
L-V-0801		LTO REC. TO POT MANUAL VALVE								
L-V-0802		LTO REC. TO POT CASHCO VALVE								
L-V-0803		LTO REC. TO POT AUTOMATIC VALVE								
L-V-0747		UTO PUMP INLET DRAIN								
L-V-0746		UTO PUMP HOUSING DRAIN								
L-V-0752		UTO PUMP OUTLET PRESS. GAUGE								
L-V-0755		UTO PUMP OUTLET TO COALESCER								
L-V-0754		UTO PUMP OUTLET TO CASHCO VALVE								
L-V-0753		UTO PUMP OUTLET CONTROL VALVE								
L-V-0806		LTO TO COOLER CHECK VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0812		LTO TO COOLER DRAIN VALVE		LL	26 Vac.	MONTHLY	21	N		
L-V-0813		LTO TO COOLER DRAIN VALVE								
L-V-0780		TOP PRODUCT FROM COALESCER								
L-V-0781		TOP PRODUCT FROM COALESCER DRAIN								
L-V-0778		BOT. PRODUCT FROM COALESCER								
L-V-0779		BOT. PRODUCT FROM COALESCER DRAIN								
L-V-0784		LUWA LTO OUTLET DRAIN								
L-V-0832		LTO AFTER COOLER SAMPLE VALVE								
L-V-0833		LTO AFTER COOLER DRAIN VALVE								
L-V-0811		LUWA LTO DRAIN VALVE								
L-V-0767		LUWA AUX. FEED LINE								
L-V-0768		LUWA AUX. FEED LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 13

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LWWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0659		BOTTOM OF CONE - LTO OUTLET		LL	26 vac.	MONTHLY	21	N		
L-FL-0660		LTO AT "Y" PIPING								
L-FL-0661		LTO BELOW "Y" PIPING								
L-FL-0662		LTO #1 INLET								
L-FL-0663		LTO #1 OUTLET								
L-FL-0664		LTO #1 OUTLET AT FLEXIBLE								
L-FL-0665		LTO #1 OUTLET AT FLEXIBLE								
L-FL-0666		LTO #1 OUTLET AT RELIEF VALVE								
L-FL-0667		LTO #1 OUTLET DRAIN								
L-FL-0668		LTO #1 OUTLET TO COOLER								
L-FL-0669		LTO #1 OUTLET TO LTO #2 INLET								
L-FL-0670		LTO #2 INLET DRAIN								
L-FL-0671		LTO #2 INLET AT FLEXIBLE								
L-FL-0672		LTO #2 INLET AT FLEXIBLE								
L-FL-0673		LTO #2 INLET AT PUMP								
L-FL-0681		LTO TO LTO #2 INLET CHECK VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0682		LTO TO LTO #2 CHECK VALVE		LL	26 Vac.	Monthly	21	N		
L-FL-0683		LTO TO LTO #2 CHECK VALVE								
L-FL-0684		LTO TO LTO #2 INLET DRAIN								
L-FL-0674		LTO #2 OUTLET AT PUMP								
L-FL-0676		LTO #2 OUTLET AT FLEXIBLE								
L-FL-0675		LTO #2 OUTLET AT FLEXIBLE								
L-FL-0677		LTO #2 OUTLET BLIND FLANGE								
L-FL-0678		LTO #2 OUTLET BLIND FLANGE								
L-FL-0679		LTO #2 OUTLET BLIND FLANGE								
L-FL-0687		LTO #2 OUTLET REC. TO POT								
L-FL-0685		LTO #2 OUTLET REC. TO POT CASHCO								
L-FL-0686		LTO #2 OUTLET REC. TO POT CASHCO								
L-FL-0620		UTO PUMP INLET STRAINER								
L-FL-0621		UTO PUMP INLET STRAINER								
L-FL-0622		UTO PUMP INLET STRAINER								
L-FL-0628		UTO PUMP OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 15

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0629		UTO PUMP OUTLET		LL	26 vac.	MONTHLY	21	N		
L-FL-0630		UTO PUMP OUTLET AT CASHCO		LL	↓	↓	21	N		
L-FL-0631		UTO PUMP OUTLET AT CASHCO		LL			21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA GROUND LEVEL

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-OE-0098		LTO #1 AUX. OUTLET		LL	26 vac	Monthly	21	N		
L-OE-0099		LTO #2 AUX. INLET								
L-OE-		LTO #1 INLET DRAIN								
L-OE-0097		LTO #1 OUTLET DRAIN								
L-OE-0102		LTO TO LTO #2 INLET DRAIN								
L-OE-0100		LTO #2 INLET DRAIN								
L-OE-0101		LTO #2 SEAL STEAM CONNECTION								
L-OE-0104		LTO COOLER INLET DRAIN								
L-OE-0096		TOP PRODUCT FROM COALESCER								
L-OE-0095		BOT. PRODUCT FROM COALESCER								
L-OE-0094		LUWA LTO OUTLET								
L-OE-0105		LUWA LTO AFTER COOLER								
L-OE-0103		LUWA LTO OUTLET								
		LUWA AUX. FEED LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 17

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LuWA Feed Pump TF #4

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0734		Pump inlet Sample Valve		LL	26 Vac.	Monthly	21	N		
L-V-0735		Pump inlet Before Strainer								
L-V-0736		Pump inlet Before Strainer								
L-V-0739		Strainer Drain								
L-V-0740		Strainer Drain								
L-V-0737		Pump inlet After Strainer								
L-V-0738		Pump inlet After Strainer								
L-V-0741		Pump Housing Drain								
L-V-0742		Pump Outlet Valve								
L-V-0744		Pump Outlet To LuWA								
L-V-0743		Pump Outlet Press. Gauge								
L-V-0745		Aux. Pump Outlet								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA FEED PUMP TF#4

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0610		PUMP INLET BEFORE STRAINER		LL	26 Vac.	MONTHLY	21	N		
L-FL-0611		PUMP INLET BEFORE STRAINER								
L-FL-0612		PUMP INLET AFTER STRAINER								
L-FL-0613		PUMP INLET AFTER STRAINER								
L-FL-0614		PUMP INLET - AT PUMP								
L-FL-0615		PUMP OUTLET FLEX. BOT.								
L-FL-0616		PUMP OUTLET FLEX. TOP								
		FLANGE IN RACK S.E. CORNER DIKE								
		FLANGE SOUTH SIDE LUWA STRUCTURE								
		FLANGE NORTH SIDE LUWA STRUCTURE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-00 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LWWA Feed Pump TF#4

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-OE-0092		Pump inlet		LL	26 Vac.	Monthly	21	N		
L-OE-0093		Pump Aux. Outlet		LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA FEED PUMP TF#5

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-0720		PUMP INLET LINE DRAIN		LL	26 vac.	MONTHLY	21	N		
L-V-0721		PUMP INLET								
L-V-0722		PUMP INLET TO STRAINER								
L-V-0723		STRAINER OUTLET TO PUMP								
L-V-0724		STRAINER OUTLET TO PUMP								
L-V-0725		STRAINER DRAIN								
L-V-0726		STRAINER DRAIN								
L-V-0727		PUMP DRAIN								
L-V-0728		PUMP OUTLET CHECK VALVE								
L-V-0729		PUMP OUTLET LINE								
L-V-0730		PRESS. IND.								
L-V-0731		PUMP OUTLET LINE TO LUWA								
L-V-0732		AUX. PUMP OUTLET								
L-V-0733		AUX. PUMP OUTLET BLOWOUT								
		PUMP OUTLET LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA FEED PUMP TF#5

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-0600		STRAINER INLET		LL	26 Vac.	Monthly	21	N		
L-FL-0601		STRAINER INLET								
L-FL-0602		STRAINER OUTLET								
L-FL-0603		STRAINER OUTLET								
L-FL-0604		PUMP INLET								
L-FL-0605		PUMP INLET - AT PUMP								
L-FL-0606		PUMP OUTLET - AT PUMP								
L-FL-0607		PUMP OUTLET LINE - AT FLEX BOT.								
L-FL-0608		PUMP OUTLET LINE - AT FLEX TOP								
L-FL-0609		PUMP OUTLET LINE TO LUWA								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LWWA FEED PUMP TF #5

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-OE-0090		PUMP INLET LINE		LL	26 vac.	Monthly	21	N		
L-OE-0091		AUX. PUMP OUTLET LINE		LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA K.O. TANK

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-V-04		SIGHTGLASS TOP		LL	26 Vac.	MONTHLY	21	N		
L-V-05		SIGHTGLASS BOTTOM								
L-V-06		SIGHTGLASS BOTTOM DRAIN								
L-V-07		TANK BOTTOM DRAIN								
L-V-08		TANK BOTTOM OUTLET								
L-V-01		TANK BYPASS								
L-V-02		TANK TO STILL								
L-V-03		TANK TO VACUUM PUMP								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA K.D. TANK

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-FL-01		TANK TO STILL		LL	26 vac.	MONTHLY	21	N		
L-FL-02		TANK TO VACUUM PUMP		LL	↓	↓	21	N		
L-FL-03		TANK BOTTOM OUTLET		LL			21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-001 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 25

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: LUWA K.O. TANK

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-OE-01		TANK BOTTOM DRAIN		LL	26 Vac.	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Tested on 6-24-91 while running S.K. NMP under 13 PSI press No leaks detected.

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

WW Mngmnt. Unit: P-2/F-3 Level #6

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1000			Rupture Disk	LL	13 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 Level #5

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1000			Feed TRAY #25	LL	13 PSI Press	Monthly	21	N		
V-1001			Aux. Feed TRAY #25	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2 / F-3 Level #5

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1002			Feed TRAY #25 AT Column	LL	13 PSI Press	Monthly	21	N		
FL-1001			Reflux Line AT Column	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-2 / F-3 Level #4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1002			Feed Tray #20	LL	13 PSI Press	Monthly	21	N		
V-1003			Aux. Feed Tray #20	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-21F-3 Level #4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1003			Feed Tray #20 At Column	LL	13 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -

Pumps
- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 Level #3

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1004			Feed TRAY#	LL	13 PSI Press	Monthly	21	N		
V-1005			Aux. Feed TRAY#	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-2/F-3 Level #3

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1004			Feed TRAY# AT Column	LL	13 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 Level #2

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-			Feed TRAY#	LL	13 PSI Press	Monthly	21	N		
V-			Aux. Feed TRAY#	↓	↓	↓	↓	↓		
V-1006			Feed TRAY#	↓	↓	↓	↓	↓		
V-1007			Aux. Feed TRAY#	↓	↓	↓	↓	↓		
V-1086			QUAT System TO Feed Line	↓	↓	↓	↓	↓		
V-1087			Sampler	↓	↓	↓	↓	↓		
V-1088			Check Valve	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

tification and Monitoring Record
Federal Equipment Leak Standards

ility: Chicago

Mngmnt. Unit: P-2 / F-3 Level #2

pection Date: 6-24-91

quip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-			Feed Tray # At Column	LL	13 PSI Press	Monthly	21	N		
-1005			Feed Tray # At Column							
-1036			VTO Line Top Main Cond.							
-1044			Vent Line Top Vent Cond.							

EGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 LEVEL #1

Inspection Date: 6-26-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1102			POT PSI GAUGE	LL	13 PSI Press	Monthly	21	N		
V-1103			POT VAC GAUGE	↓	↓	↓	↓	↓		
V-1043			CASHCO LTO CONTROL VALVE	↓	↓	↓	↓	↓		
V-1085			CASHCO REFLUX CONTROL VALVE	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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ication and Monitoring Record
eral Equipment Leak Standards

y: Chicago

nt. Unit: P-2/F-3 Level #1

ion Date: 6-24-91

. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1037			Vent. Cond.	LL	13 PSI Press	Monthly	21	N		
1038			Surge Tank							
1040			Surge Tank							
1039			Main Cond.							
1050			UTO Cooler							
1017			Reboiler Top							
1016			Pot Side							
1028			LTO Cooler							
1026			Interchanger							
1008			Interchanger							
051			Pot Level Control							
052			Pot Level Control							
053			Pot Level Control							
1054			Pot PSI Gauge							
1041			UTO H.P. Controller							
1043			UTO L.P. Controller							
1042			UTO L.P. Controller							
1045			UTO L.P. Controller	↓	↓	↓	↓	↓		

ND:
uipment Identification Tag Nos. -
PU-0001 = Pump
VA-0001 = Valve
PR-0001 = Pressure Relief Device
FL-0001 = Pipeline Flange
CV-0001 = Closed Vent System
SS-0001 = Sampling Connection System
OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal
Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service -
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2 / F-3 GROUND LEVEL

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1013			AUX FEED	LL	13 PSI PRESS	MONTHLY	21	N		
V-1014										
V-1012										
V-1010										
V-1009										
V-1011										
V-1008										
V-1061			SURGE TANK							
V-1062										
V-1063										
V-1064										
V-1065										
V-1066			VTO PUMP							
V-1067A										
V-1068 A										
V-1068 B										

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-2/F-3 Ground Level

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1067B			LTO Pump Press. Gauge	LL	13 PSI Press	Monthly	21	N		
V-1069			Drain Valve							
V-1070			To LTO Cooler							
V-1072			To LTO Cooler							
V-1071			Aux. Outlet							
V-1074			Cooler Drain							
V-1073			To Reflux Rota							
V-1056			LTO-Rec. Line							
V-1032			From Pot							
V-1035			Strainer Drain							
V-1031			Reboiler-Drain							
V-1033			To LTO Pump							
V-1034			LTO Pump Aux. Outlet							
V-1036			Press. Gauge							
V-1039			Sample Valve							
V-1040			Outlet							
			Outlet Valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 GROUND LEVEL

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1041			Pump outlet LTO DRAIN	LL	13PSI Press.	MONTHLY	21	N		
V-1015			INTECH. OUTLET DRAIN							
V-1042			COOLER DRAIN							
V-1044			TO ROTA DRAIN							
V-1045			AUX. OUTLET BYPASS							
V-1050			ROTA INLET							
V-1051			ROTA DRAIN							
V-1052			ROTA OUTLET							
V-1053			ROTA REC. TO POT							
V-1054			ROTA REC. TO POT SAMPLE							
V-1055			ROTA BYPASS							
V-1046			TO FEED BYPASS LINE							
V-1048			AUX. FEED INLET							
V-1047			FEED LINE DRAIN							
V-1018			ROTA INLET							
V-1017			ROTA DRAIN							
V-1016			ROTA OUTLET							
V-1019			ROTA BYPASS							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: P-2/F-3 Ground Level

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
V-1020			Feed from Storage Tank	LL	13 PSI Press.	Monthly	21	N		
V-1076			L.g. Reflux-Rota Drain							
V-1080			Rota Drain							
V-1079			Rota Inlet							
V-1084			Rota Outlet							
V-1077			Sm. Reflux-Rota Drain							
V-1078			Rota Inlet							
V-1081			Rota Drain							
V-1082			Rota Bypass							
V-1049			UTO-Aux. Outlet Drain							
V-1090			Aux. Outlet							
V-1091			Rota Inlet							
V-1092			Reflux Sample Port							
V-1094			Rota Outlet							
V-1093			Rota Bypass							
V-1075			Reflux Line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 GROUND LEVEL

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
FL-1006			AUX. FEED ABOVE ROTA	LL	13 PSI Press.	MONTHLY	21	N		
FL-1046			SURGE TANK BOTTOM							
FL-1047			LTO PUMP INLET							
FL-1048			LTO PUMP OUTLET							
FL-1049			LTO COOLER BOTTOM					N		
FL-1019			POT BOTTOM TO REBOILER							
FL-1018			REBOILER BOT. TO POT.							
FL-1034			LTO REC. TO POT BOTTOM							
FL-1033			LTO RECIC. LINE TO POT							
FL-1020			LTO PUMP INLET							
FL-1021			LTO PUMP STRAINER							
FL-1022			LTO PUMP STRAINER							
FL-1023			LTO PUMP INLET							
FL-1024			LTO PUMP OUTLET							
FL-1025			LTO INTO INTERCHANGER							
FL-1007			FEED OUT OF INTERCHANGER							
FL-1027			LTO COOLER BOTTOM							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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ification and Monitoring Record
ederal Equipment Leak Standards

ity: CHICAGO

gmnt. Unit: P-2/F-3 GROUND LEVEL

ection Date: 6-24-91

uip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-1029			LTO ROTA INLET	LL	13PSI Press.	Monthly	21	N		
L-1031			LTO ROTA INLET	↓	↓	↓	↓	↓		
L-1030			LTO ROTA OUTLET	↓	↓	↓	↓	↓		
L-1035			LTO ROTA OUTLET	↓	↓	↓	↓	↓		
L-1032			LTO ROTA OUTLET REC. TO POT	↓	↓	↓	↓	↓		

GEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 GROUND LEVEL

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-3-OE-120			AUX. FEED INLET	LL	13 PSI Press	Monthly	21	N		
F-3-OE-125			UTO PUMP AUX. OUTLET	↓	↓	↓	↓	↓		
F-3-OE-122			AUX. LTO OUTLET	↓	↓	↓	↓	↓		
F-3OE-0130			AUX. UTO OUTLET	↓	↓	↓	↓	↓		
F3-OE-0123			AUX. Feed INLET	↓	↓	↓	↓	↓		
F-3-OE-0121			AUX. LTO PUMP INLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

lication and Monitoring Record
deral Equipment Leak Standards

ty: CHICAGO

mnt. Unit: P-2/F-3 TF #4 FEED PUMP

tion Date: 6-24-91

p. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1021			PUMP OUTLET	LL	13 PSI PRESS.	MONTHLY	21	N		
-1022			PUMP OUTLET SAMPLE VALVE							
-1023			OUTLET PRESS. GAUGE							
-1024			OUTLET SAMPLE VALVE							
-1026			STRAINER DRAIN							
-1028			PUMP AUX. INLET							
-1030			PUMP INLET FROM T-15							
V-1027			PUMP INLET BEFORE STRAINER							
V-1025			PUMP DRAIN							
-V-			PUMP OUTLET CHECK VALVE							

END:

quipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 TF#4 FEED PUMP

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-3-FL-1009			PUMP OUTLET	LL	13 PSI Press	Monthly	21	N		
F-3-FL-1010			PUMP OUTLET							
F-3-FL-1011			PUMP INLET							
F-3-FL-1012			PUMP INLET							
F-3-FL-1013			PUMP INLET FROM T-16							
F-3-FL-1014			PUMP INLET FROM T-15							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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dentification and Monitoring Record
or federal Equipment Leak Standards

acility: CHICAGO

W Mngmnt. Unit: P-2/F-3 TF#4 FEED PUMP

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
3-OE-129			PUMP AUX. INLET	LL	13 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 LTO TF#4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-3-V-1057			LTO OUTLET	LL	13 PSI Press.	Monthly	21	N		
F-3-V-1058			LTO OUTLET DRAIN	LL	↓	↓	21	N		
F-3-V-1059			LTO line drain by wall	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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dentification and Monitoring Record
or Federal Equipment Leak Standards

acility: CHICAGO

W Mngmnt. Unit: P-2/F-3 LTO-TF #4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
3-OE-124			LTO OUTLET	LL	13 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 UTO LINE TF#4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-3-V-1097			UTO OUTLET (EAST)	LL	13 PSI Press	Monthly	21	N		
-3-V-1098			UTO OUTLET DRAIN (EAST)							
-3-V-1001			UTO LINE BEHIND T-17							
-3-V-1099			UTO OUTLET (CENTER DIKE)							
-3-V-1100			UTO OUT. DRAIN (CENTER DIKE)							
F-3-V-1104			UTO line on line B T-21							
-3-V-1095			UTO OUTLET (WEST)							
-3-V-1096			UTO OUT. DRAIN (WEST)							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet N 25

lication and Monitoring Record
deral Equipment Leak Standards

ty: CHICAGO

mnt. Unit: P-2/F-3 UTO LINE TF #4

tion Date: 6-24-91

p. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-1055			UTO IN RACK (EAST OUTLET)	LL	13 PSI Press	Monthly	21	N		

END:

quipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: P-2/F-3 UTO LINE TF#4

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-3-OE-127			UTO LINE (EAST)	LL	13 PSI Press	Monthly	21	N		
F-3-OE-128			UTO LINE (CENTER DIKE)	LL	↓	↓	21	N		
F-3-OE-126			UTO LINE (WEST)	LL	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

A complete Test was done on This Tank Farm.
on 6-24; 6-25 & 6-27-91
No leaks detected

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 T-30A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
30A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	V	N	00	Inacc.
30A-V-002		BOTTOM OUTLET LINE		↓	↓	↓	21	↓	↓	
30A-V-003		BOTTOM OUTLET LINE DRAIN					21			
30A-V-004		SIDE LINE - AT TANK					V			Inacc
30A-V-005		SIDE LINE					21			
30A-V-006		SIDE LINE DRAIN					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#30A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
30A-FL-001		BLIND TANK BOTTOM		LL	ATMOS	Monthly	V	N	[illegible]00	Inacc
30A-FL-002		BOTTOM OUTLET LINE-AT TANK								
30A-FL-003		SIDE LINE - AT TANK								
30A-FL-004		BLIND - TANK SIDE								
30A-FL-005		BLIND 8" - SIDE OF TANK								
30A-FL-006		SIDE HATCH								
30A-FL-007		BLIND TANK SIDE								
30A-FL-008		BLIND TANK SIDE								
30A-FL-0		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
30A-FL-013		LEVEL IND. LINE - TOP OF TANK								
30A-FL-014		LEVEL IND. WIRE GUIDE - TOP OF TANK								
30A-FL-015		M.W. TOP HATCH - TOP OF TANK								
30A-FL-016		VENT SYSTEM - TOP OF TANK								
30A-FL-017		VENT SYSTEM - TOP OF TANK								
30A-FL-018		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 Closed Vent System
- SS-0001 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#30A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-30A - OE-001		Bottom Outlet Line		LL	Atmos	Monthly	21	N	10,000	
-30A-OE-002		Side Line		↓	↓	↓	↓	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#30A

Inspection Date: 06-24-91 TANK WAS EMPTY NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-30A-V-001		BOTTOM OUTLET LINE AT TANK		LL	ATMOS	MONTHLY	V	N	10,000	
-30A-V-002		BOTTOM OUTLET LINE								
-30A-V-003		BOTTOM OUTLET LINE DRAIN								
-30A-V-004		SIDE LINE - AT TANK								
-30A-V-005		SIDE LINE								
-30A-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#30B

Inspection Date: 06-24-91 Tank was Empty NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-30B-FL-001		BOTTOM OUTLET LINE-AT TANK		LL	ATMOS.	MONTHLY	V	N	10.000	
-30B-FL-002		SIDE LINE - AT TANK								
-30B-FL-003		M.W SIDE HATCH								
-30B-FL-004		M.W SIDE HATCH								
-30B-FL-005		BLIND 8" - SIDE OF TANK								
-30B-FL-006		BLIND TANK SIDE								
-30B-FL-007		BLIND TANK SIDE								
-30B-FL-008		BLIND TANK SIDE								
-30B-FL-009		LEVEL IND. WIRE GUIDE - TOP OF T-30A		GV						
-30B-FL-010		LEVEL IND. & VENT - TOP OF T-30A								
-30B-FL-011		LEVEL IND. WIRE GUIDE - TOP OF T-30A								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#30B

Inspection Date: 06-24-91 Tank was Empty NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-30B-OE-001		BOTTOM OUTLET LINE		LL	ATmos	Monthly	V	N	10,000	
-30B-OE-002		SIDE LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#31

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-31-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-31-V-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-31-V-003		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓	↓	
T-31-V-004		SIDE LINE - AT TANK		↓	↓	↓	↓	↓	↓	
T-31-V-005		SIDE LINE		↓	↓	↓	↓	↓	↓	
T-31-V-006		SIDE LINE DRAIN		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T# 31

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-31-FL-001		BOTTOM OUTLET LINE AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-31-FL-002		BLIND - TANK SIDE								
T-31-FL-003		BLIND - TANK SIDE								
T-31-FL-004		SIDE LINE - AT TANK								
T-31-FL-005		BLIND - TANK SIDE								
T-31-FL-006		M.W. TOP HATCH - TOP OF TANK		GV						
T-31-FL-007		LEVEL INDICATOR - TOP OF TANK								
T-31-FL-008		LEVEL IND WIRE GUIDE - TOP OF TANK								
T-31-FL-009		LEVEL IND WIRE GUIDE - TOP OF TANK								
T-31-FL-010		VENT - TOP OF TANK								
T-31-FL-011		BLIND - TOP OF TANK								
T-31-FL-012		BLIND 8" - SIDE OF TANK		LL			✓			Inacc.
T-31-FL-013		SIDE HATCH								
T-31-FL-014		TOP SIDE BLIND								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#31

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-31-OE-001		BOTTOM OUTLET LINE		LL	ATMOS	MONTHLY	21	N	10,000	
T-31-OE-002		SIDE LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#32

Inspection Date: 06-2491

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-32-V-001		BOTTOM OUTLET LINE-AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-32-V-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-32-V-003		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓	↓	
T-32-V-004		SIDE LINE - AT TANK		↓	↓	↓	↓	↓	↓	
T-32-V-005		SIDE LINE		↓	↓	↓	↓	↓	↓	
T-32-V-006		SIDE LINE DRAIN		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#32

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-32-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos.	Monthly	21	N	10,000	
T-32-FL-002		SIDE LINE - AT TANK								
T-32-FL-003		BLIND - TANK SIDE								
T-32-FL-004		BLIND - TANK SIDE								
T-32-FL-005		BLIND - TANK SIDE								
T-32-FL-006		BLIND 8" - SIDE OF TANK					V			INACC
T-32-FL-007		M.W. SIDE HATCH					V			
T-32-FL-008		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-32-FL-009		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-32-FL-010		LEVEL IND. LINE - TOP OF TANK								
T-32-FL-011		M.W. TOP HATCH - TOP OF TANK								
T-32-FL-012		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #32

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-32-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-32-OE-002		SIDE LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#33

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-33-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-33-V-002		BOTTOM OUTLET LINE								
T-33-V-003		BOTTOM OUTLET LINE DRAIN								
T-33-V-004		SIDE LINE - AT TANK								
T-33-V-005		SIDE LINE								
T-33-V-006		SIDE LINE DRAIN								
T-33-V-007		LOAD LINE - AT TANK								
T-33-V-008		LOAD LINE - IN TANKER TUNNEL								
T-33-V-009		LOAD LINE DRAIN - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #33

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-33-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-33-FL-002		BOTTOM OUTLET LINE								
T-33-FL-003		BOTTOM OUTLET LINE								
T-33-FL-004		BOTTOM OUTLET LINE								
T-33-FL-005		BOTTOM OUTLET LINE								
T-33-FL-006		LOAD LINE - AT TANK								
T-33-FL-007		LOAD LINE								
T-33-FL-008		LOAD LINE - IN TANKER TUNNEL								
T-33-FL-009		LOAD LINE - IN TANKER TUNNEL								
T-33-FL-010		SIDE LINE - AT TANK								
T-33-FL-011		BLIND 8" - SIDE OF TANK					V			Inacc.
T-33-FL-012		M.W. SIDE HATCH					V			Inacc.
T-33-FL-013		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-33-FL-014		LEVEL IND. LINE - TOP OF TANK								
T-33-FL-015		LEVEL IND WIRE GUIDE - TOP OF TANK								
T-33-FL-016		M.W. TOP HATCH					V			Inacc

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5 - T#33

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-33-FL-017		VENT - TOP OF TANK		GV	ATMOS	MonThly	21	N	10,000	
T-33-FL-018		BLIND - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-33-FL-019		BLIND - TANK SIDE		LL	↓	↓	↓	↓	↓	
T-33-FL-020		BLIND - TANK SIDE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
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Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #33

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-33-OE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10.000	
T-33-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-33-OE-003		SIDE LOAD LINE - TANKER TUNNEL		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	Monthly	V	N	10,000	Inacc
T-34A-V-002		BOTTOM OUTLET LINE					21			
T-34A-V-003		BOTTOM OUTLET LINE DRAIN					21			
T-34A-V-004		SIDE LINE - AT TANK					V			Inacc.
T-34A-V-005		SIDE LINE					21			
T-34A-V-006		SIDE LINE DRAIN					21			
T-34A-V-007		LOAD LINE - AT TANK					V			Inacc.
T-34A-V-008		LOAD LINE - IN TANKER TUNNEL					21			
T-34A-V-009		Load line drain In Tanker tunnel					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34A-FL-001		BLIND - TANK BOTTOM		LL	ATMOS	MONTHLY	V	N	10,000	Inacc
T-34A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-34A-FL-003		BOTTOM OUTLET LINE								
T-34A-FL-004		BOTTOM OUTLET LINE								
T-34A-FL-005		BOTTOM OUTLET LINE								
T-34A-FL-006		SIDE LINE - AT TANK								
T-34A-FL-007		BLIND - TANK SIDE								
T-34A-FL-008		BLIND - TANK SIDE								
T-34A-FL-009		LOAD LINE - AT TANK								
T-34A-FL-010		LOAD LINE								
T-34A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-34A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-34A-FL-013		BLIND 8" - SIDE OF TANK					V			Inacc.
T-34A-FL-014		M.W. SIDE HATCH					V			Inacc.
T-34A-FL-016		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-34A-FL-017		LEVEL IND. LINE - TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34A-FL-018		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV	ATMOS	MONTHLY	21	N	10,000	
T-34A-FL-019		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-34A-FL-020		VENT - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-34A-FL-021		BLIND - TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34A-OE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-34A-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-34A-OE-003		LOAD LINE - IN TANKER TUNNEL		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34B

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-34B-V-002		BOTTOM OUTLET LINE								
T-34B-V-003		BOTTOM OUTLET LINE DRAIN								
T-34B-V-004		SIDE LINE - AT TANK								
T-34B-V-005		SIDE LINE								
T-34B-V-006		SIDE LINE DRAIN								
T-34B-V-007		LOAD LINE - AT TANK								
T-34B-V-008		LOAD LINE - IN TANKER TUNNEL								
T-34B-V-009		LOAD LINE DRAIN - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34B

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-34B-FL-002		BOTTOM OUTLET LINE								
T-34B-FL-003		BOTTOM OUTLET LINE								
T-34B-FL-004		BOTTOM OUTLET LINE								
T-34B-FL-005		BOTTOM OUTLET LINE								
T-34B-FL-006		SIDE LINE - AT TANK								
T-34B-FL-007		BLIND - TANK SIDE								
T-34B-FL-008		BLIND - TANK SIDE								
T-34B-FL-009		LOAD LINE - AT TANK								
T-34B-FL-010		LOAD LINE								
T-34B-FL-011		LOAD LINE - IN TANKER TUNNEL								
T-34B-FL-012		LOAD LINE - IN TANKER TUNNEL								
T-34B-FL-013		BLIND 8" - SIDE OF TANK					V			Inacc.
T-34B-FL-014		M.W. SIDE HATCH					V			
T-34B-FL-015		M.W. SIDE HATCH					V			
T-34B-FL-016		LEVEL IND. & VENT - TOP OF 34A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 Closed Vent System
- SS-0001 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #34B

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-34B-OE-001		SIDE LINE		LL	ATMOS.	Monthly	21	N	10,000	
T-34B-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-34B-OE-003		LOAD LINE - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35A-V-001		Bottom Outlet Line - At Tank		LL	Atmos	Monthly	V.	N	10,000	Inacc.
T-35A-V-002		Bottom Outlet Line					21			
T-35A-V-003		Bottom Outlet Line Drain					V			
T-35A-V-004		Side Line - At Tank					21			Inacc.
T-35A-V-005		Side Line								
T-35A-V-006		Side Line Drain					21			Inacc.
T-35A-V-007		Load Line - At Tank					V			
T-35A-V-008		Load Line - In Tanker Tunnel								
T-35A-V-009		Load Line Drain - In Tanker Tunnel								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35A-FL-001		BLIND - BOTTOM OF TANK		LL	ATMOS.	MONTHLY	V	N	10,000	Inacc
T-35A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-35A-FL-003		BOTTOM OUTLET LINE								
T-35A-FL-004		BOTTOM OUTLET LINE								
T-35A-FL-005		BOTTOM OUTLET LINE								
T-35A-FL-006		SIDE LINE - AT TANK								
T-35A-FL-007		BLIND - TANK SIDE								
T-35A-FL-008		BLIND - TANK SIDE								
T-35A-FL-009		LOAD LINE - AT TANK								
T-35A-FL-010		LOAD LINE					V			
T-35A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-35A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-35A-FL-013		BLIND 8" - SIDE OF TANK					V			Inacc.
T-35A-FL-014		M.W. SIDE HATCH					V			Inacc.
T-35A-FL-016		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-35A-FL-017		LEVEL IND. LINE - TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
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  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35A-FL-018		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV	ATMOS	Monthly	21	N	10,000	
T-35A-FL-019		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-35A-FL-020		VENT - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-35A-FL-021		BLIND - TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35A

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35A-DE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-35A-DE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-35A-DE-003		LOAD LINE - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35B

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-35B-V-002		BOTTOM OUTLET LINE								
T-35B-V-003		BOTTOM OUTLET LINE DRAIN								
T-35B-V-004		SIDE LINE - AT TANK								
T-35B-V-005		SIDE LINE								
T-35B-V-006		SIDE LINE DRAIN								
T-35B-V-007		LOAD LINE - AT TANK								
T-35B-V-008		LOAD LINE - IN TANKER TUNNEL								
T-35B-V-009		LOAD LINE DRAIN - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35B

Inspection Date: 06-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-35B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos.	Monthly	21	N	10,000	
T-35B-FL-002		BOTTOM OUTLET LINE								
T-35B-FL-003		BOTTOM OUTLET LINE								
T-35B-FL-004		BOTTOM OUTLET LINE								
T-35B-FL-005		BOTTOM OUTLET LINE								
T-35B-FL-006		SIDE LINE - AT TANK								
T-35B-FL-007		BLIND - TANK SIDE								
T-35B-FL-008		BLIND - TANK SIDE								
T-35B-FL-009		LOAD LINE - AT TANK								
T-35B-FL-010		LOAD LINE								
T-35B-FL-011		LOAD LINE - IN TANKER TUNNEL								
T-35B-FL-012		LOAD LINE - IN TANKER TUNNEL								
T-35B-FL-013		BLIND 8" - SIDE OF TANK					V			Inacc.
T-35B-FL-014		M.W. SIDE HATCH					V			
T-35B-FL-015		M.W. SIDE HATCH					V			
T-35B-FL-016		LEVEL IND. & VENT - TOP OF 35A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #35B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-35B-OE-001		SIDE LINE		LL	ATmos	Monthly	21	N	10,000	
-35B-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
-35B-OE-003		LOAD LINE-IN TANKER TUNNEL		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #36

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-36-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos	Monthly	21	N	10,000	
T-36-V-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-36-V-003		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓	↓	
T-36-V-004		SIDE LINE - AT TANK		↓	↓	↓	↓	↓	↓	
T-36-V-005		SIDE LINE		↓	↓	↓	↓	↓	↓	
T-36-V-006		SIDE LINE DRAIN		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #36

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-36-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-36-FL-002		SIDE LINE - AT TANK								
T-36-FL-003		BLIND - TANK SIDE								
T-36-FL-004		BLIND - TANK SIDE								
T-36-FL-005		BLIND - TANK SIDE								
T-36-FL-006		BLIND 8" SIDE OF TANK								IN ACC.
T-36-FL-007		M.W. SIDE HATCH								IN ACC.
T-36-FL-008		M.W. TOP HATCH - TOP OF TANK		GV						
T-36-FL-009		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-36-FL-010		LEVEL IND. LINE - TOP OF TANK								
T-36-FL-011		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-36-FL-012		VENT - TOP OF TANK								
T-36-FL-013		VENT - TO VENT LINE - TOP OF TANK								
T-36-FL-014		VENT - TO VENT LINE - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #36

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-36-OE-001		BOTTOM OUTLET LINE		LL	ATMOS	Monthly	21	N	10,000	
T-36-OE-002		SIDE LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #37A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-37A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	V	N	10,000	IN ACC.
T-37A-V-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-37A-V-003		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	21	N	↓	
T-37A-V-004		SIDE LINE - AT TANK		↓	↓	↓	V	N	↓	IN ACC.
T-37A-V-005		SIDE LINE		↓	↓	↓	21	N	↓	
T-37A-V-006		SIDE LINE DRAIN		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 - Closed Vent System
- SS-0001 - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #37A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-37A-FL-001		BLIND - TANK BOTTOM		LL	ATMOS	MONTHLY	V	N	10,000	IN ACC.
T-37A-FL-002		BOTTOM OUTLET LINE								
T-37A-FL-003		BLIND - TANK SIDE								
T-37A-FL-004		BLIND - TANK SIDE								
T-37A-FL-005		BLIND 8" SIDE OF TANK								
T-37A-FL-006		M.W. SIDE HATCH								
T-37A-FL-007		SIDE LINE - AT TANK								
T-37A-FL-008		BLIND - SIDE OF TANK								
T-37A-FL-		VENT - TOP OF TANK		GV			21			
T-37A-FL-012		VENT - TO VENT LINE - TOP OF TANK								
T-37A-FL-013		VENT - TO VENT LINE - TOP OF TANK								
T-37A-FL-014		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-37A-FL-015		LEVEL IND. LINE - TOP OF TANK								
T-37A-FL-016		LEVEL IND WIRE GUIDE - TOP OF TANK								
T-37A-FL-017		M.W. TOP HATCH - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

NW Mngmnt. Unit: TF #5 - T #37A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-37A-OE-001		BOTTOM OUTLET LINE		LL	ATMOS	MONTHLY	al	N	10,000	
T-37A-OE-002		SIDE LINE		↓	↓	↓	al	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #37B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-37B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos.	Monthly	21	N	10,000	
T-37B-V-002		BOTTOM OUTLET LINE								
T-37B-V-003		BOTTOM OUTLET LINE DRAIN								
T-37B-V-004		SIDE LINE-AT TANK								
T-37B-V-005		SIDE LINE								
T-37B-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #37B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-37B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	Monthly	21	N	10,000	
T-37B-FL-002		SIDE LINE - AT TANK								
T-37B-FL-003		BLIND - TANK SIDE								
T-37B-FL-004		BLIND - TANK SIDE								
T-37B-FL-005		BLIND - TANK SIDE								
T-37B-FL-006		BLIND 8" - SIDE OF TANK								IN ACC
T-37B-FL-007		M.W. SIDE HATCH								IN ACC
T-37B-FL-008		LEVEL IND. WIRE GUIDE - TOP OF 37A		GV			21			
T-37B-FL-009		LEVEL IND. LINE - TOP OF 37A					21			
T-37B-FL-010		LEVEL IND. WIRE GUIDE - TOP OF 37A					21			
T-37B-FL-011		M.W. SIDE HATCH								IN ACC

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #37B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-37B-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	Monthly	21	N	10,000	
T-37B-OE-002		SIDE LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #38

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-38-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos	Monthly	21	N	10.000	
T-38-V-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-38-V-003		BOTTOM OUTLET LINE DRAIN		↓	↓	↓	↓	↓	↓	
T-38-V-004		SIDE LINE - AT TANK		↓	↓	↓	↓	↓	↓	
T-38-V-005		SIDE LINE		↓	↓	↓	↓	↓	↓	
T-38-V-006		SIDE LINE DRAIN		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #38

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-38-FL-001		Bottom Outlet Line - At Tank		LL	Atmos.	Monthly	21	N	10,000	
T-38-FL-002		Side Line - At Tank					21	N		
T-38-FL-003		M.W. Side Hatch					V			IN ACC.
T-38-FL-004		Blind 8" Side of Tank					V			IN ACC.
T-38-FL-005		Blind - Bot. Tank Side					21			
T-38-FL-006		Blind - Mid. Tank Side								
T-38-FL-007		Blind - Top Tank Side								
T-38-FL-008		Blind - Top of Tank		GV						
T-38-FL-009		Level Ind. Wire Guide - Top of Tank								
T-38-FL-010		Level Ind. Line - Top of Tank								
T-38-FL-011		Level Ind. Wire Guide - Top of Tank								
T-38-FL-012		Blind - Top of Tank								
T-38-FL-013		Vent - Top of Tank								
T-38-FL-014		M.W. Top Hatch - Top of Tank								
—										

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #38

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-38-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-38-OE-002		SIDE LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #39

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-39-V-001		BOTTOM OUTLET LINE-AT TANK		LL	ATmos.	Monthly	21	N	10,000	
T-39-V-002		BOTTOM OUTLET LINE								
T-39-V-003		BOTTOM OUTLET LINE DRAIN								
T-39-V-004		SIDE LINE -AT TANK								
T-39-V-005		SIDE LINE								
T-39-V-006		SIDE LINE DRAIN								
T-39-V-007		LOAD LINE - AT TANK								
T-39-V-008		LOAD LINE-IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #39

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-39-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-39-FL-002		BOTTOM OUTLET LINE								
T-39-FL-003		BOTTOM OUTLET LINE								
T-39-FL-004		BOTTOM OUTLET LINE								
T-39-FL-005		BOTTOM OUTLET LINE								
T-39-FL-006		SIDE LINE - AT TANK								
T-39-FL-007		BLIND - TANK SIDE								
T-39-FL-008		BLIND - TANK SIDE								
T-39-FL-009		LOAD LINE - AT TANK								
T-39-FL-010		LOAD LINE								
T-39-FL-011		LOAD LINE - IN TANKER TUNNEL								
T-39-FL-012		LOAD LINE - IN TANKER TUNNEL								
T-39-FL-013		BLIND 8" SIDE OF TANK								IN ACC.
T-39-FL-014		M.W. SIDE HATCH								IN ACC.
T-39-FL-015		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-39-FL-016		LEVEL IND. LINE - TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #39

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-39-FL-017		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV	ATmos.	Monthly	21	N	10,000	
T-39-FL-018		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-39-FL-019		VENT		↓	↓	↓	↓	↓	↓	
T-39-FL-020		BLIND - TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 4

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #39

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-39-OE-001		SIDE LINE		LL	ATmos.	MonThly	21	N	10,000	
T-39-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-39-OE-003		LOAD LINE - IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-40A-V-002		BOTTOM OUTLET LINE					21			
T-40A-V-003		BOTTOM OUTLET LINE DRAIN					21			
T-40A-V-004		SIDE LINE - AT TANK					V			IN ACC.
T-40A-V-005		SIDE LINE					21			
T-40A-V-006		SIDE LINE DRAIN					21			
T-40A-V-007		LOAD LINE - AT TANK					V			IN ACC.
T-40A-V-008		LOAD LINE - IN TANKER TUNNEL					21			
T-40A-V-009		LOAD LINE DRAIN - IN TANKER TUNNEL					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 2

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40A-FL-001		BLIND - TANK BOTTOM SIDE		LL	ATMOS	MONTHLY	V	N	10,000	IN ACC.
T-40A-FL-002		BOTTOM OUTLET LINE - AT TANK					V			
T-40A-FL-003		BOTTOM OUTLET LINE					V			
T-40A-FL-004		BOTTOM OUTLET LINE					21			
T-40A-FL-005		BOTTOM OUTLET LINE					21			
T-40A-FL-006		SIDE LINE - AT TANK					V			IN ACC.
T-40A-FL-007		BLIND - TANK SIDE					V			
T-40A-FL-008		BLIND - TANK SIDE					V			
T-40A-FL-009		LOAD LINE - AT TANK					V			
T-40A-FL-010		LOAD LINE					V			
T-40A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-40A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-40A-FL-013		BLIND 8" TANK SIDE - OVER M.W.					V			IN ACC.
T-40A FL-014		M.W. SIDE HATCH					V			
—										
T-40A-FL-016		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40A-FL-017		LEVEL IND. LINE - TOP OF TANK		GV	Atmos.	Monthly	21	N	10,000	
T-40A-FL-018		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-40A-FL-019		M.W. TOP HATCH - TOP OF TANK								
T-40A-FL-020		VENT - TO VENT LINE - TOP OF TANK								
T-40A-FL-021		VENT - TO VENT LINE TOP OF TANK								
T-40A-FL-022		VENT - AT TANK - TO VENT LINE - TOP OF TANK								
T-40A-FL-023		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40A-OE-001		SIDE LINE		LL	ATMOS.	Monthly	21	N	10,000	
T-40A-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-40A-OE-003		LOAD LINE-IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = [illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-40B-V-002		BOTTOM OUTLET LINE								
T-40B-V-003		BOTTOM OUTLET LINE DRAIN								
T-40B-V-004		SIDE LINE - AT TANK								
T-40B-V-005		SIDE LINE								
T-40B-V-006		SIDE LINE DRAIN								
T-40B-V-007		LOAD LINE - AT TANK								
T-40B-V-008		LOAD LINE IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 2

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40B-FL-001		Bottom Outlet Line - AT TANK		LL	Atmos	Monthly	21	N	10,000	
T-40B-FL-002		Bottom Outlet Line								
T-40B-FL-003		Bottom Outlet Line								
T-40B-FL-004		Bottom Outlet Line								
T-40B-FL-005		Bottom Outlet Line								
T-40B-FL-006		Side Line - AT TANK								
T-40B-FL-007		Blind - Tank Side								
T-40B-FL-008		Blind - Tank Side								
T-40B-FL-009		Load Line - AT TANK								
T-40B-FL-010		Load Line								
T-40B-FL-011		Load Line - IN TANKER TUNNEL								
T-40B-FL-012		Load Line - IN TANKER TUNNEL								
T-40B-FL-013		Blind 8" Side of Tank					V			IN ACC.
T-40B-FL-014		M.W. Side Hatch					V			
T-40B-FL-015		Level Ind. & Vent - Top of Tank		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #40B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-40B-OE-001		SIDE LINE		LL	ATmos	Monthly	21	N	10,000	
T-40B-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-40B-OE-003		LOAD LINE-IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	Monthly	V	N	10,000	IN ACC.
T-41A-V-002		BOTTOM OUTLET LINE					21			
T-41A-V-003		BOTTOM OUTLET LINE DRAIN					21			
T-41A-V-004		SIDE LINE - AT TANK					V			IN ACC.
T-41A-V-005		SIDE LINE					21			
T-41A-V-006		SIDE LINE DRAIN					21			
T-41A-V-007		LOAD LINE - AT TANK					V			IN ACC.
T-41A-V-008		LOAD LINE - IN TANKER TUNNEL					21			
T-41A-V-009		LOAD LINE DRAIN - IN TANKER TUNNEL					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41A-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-41A-FL-002		BOTTOM OUTLET LINE					V			
T-41A-FL-003		BOTTOM OUTLET LINE					V			
T-41A-FL-004		BOTTOM OUTLET LINE					21			
T-41A-FL-005		BOTTOM OUTLET LINE					21			
T-41A-FL-006		SIDE LINE - AT TANK					V			IN ACC.
T-41A-FL-007		BLIND - TANK SIDE					V			
T-41A-FL-008		BLIND - TANK SIDE					V			
T-41A-FL-009		LOAD LINE - AT TANK					V			
T-41A-FL-010		LOAD LINE					V			
T-41A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-41A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-41A-FL-014		LEVEL IND. WIRE GUIDE - TOP OF TANK		G/V			21			
T-41A-FL-015		LEVEL IND. LINE - TOP OF TANK					21			
T-41A-FL-016		LEVEL IND. WIRE GUIDE - TOP OF TANK					21			
T-41A-FL-017		VENT - TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-000' Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41A-FL-018		BLIND - TOP OF TANK		GV	ATMOS.	MONTHLY	21	N	10,000	
T-41A-FL-019		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	21	N	↓	
T-41A-FL-020		M.W. SIDE HATCH		LL	↓	↓	V	N	↓	IN ACC.
T-41A-FL-021		BLIND 8" SIDE OF TANK		↓	↓	↓	V	N	↓	IN ACC.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41A-OE-001		SIDE LINE		LL	ATMOS.	Monthly	21	N	10.000	
T-41A-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-41A-OE-003		LOAD LINE - IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	Monthly	21	N	10,000	
T-41B-V-002		BOTTOM OUTLET LINE								
T-41B-V-003		BOTTOM OUTLET LINE DRAIN								
T-41B-V-004		SIDE LINE - AT TANK								
T-41B-V-005		SIDE LINE								
T-41B-V-006		SIDE LINE DRAIN								
T-41B-V-007		LOAD LINE - AT TANK								
T-41B-V-008		LOAD LINE - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-41B-FL-002		BOTTOM OUTLET LINE								
T-41B-FL-003		BOTTOM OUTLET LINE								
T-41B-FL-004		BOTTOM OUTLET LINE								
T-41B-FL-005		BOTTOM OUTLET LINE								
T-41B-FL-006		M.W SIDE HATCH								
T-41B-FL-007		SIDE LINE - AT TANK								
T-41B-FL-008		BLIND - TANK SIDE								
T-41B-FL-009		BLIND - TANK SIDE								
T-41B-FL-010		LOAD LINE - AT TANK								
T-41B-FL-011		LOAD LINE								
T-41B-FL-012		LOAD LINE - IN TANKER TUNNEL								
T-41B-FL-013		LOAD LINE - IN TANKER TUNNEL								
T-41B-FL-014		LEVEL IND. & VENT - TOP OF TANK		GV						
T-41B-FL-015		BLIND 8" - SIDE OF TANK		LL			V			IN ACC.
T-41B-FL-016		M.W. SIDE HATCH		LL			V			IN ACC.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #41B

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-41B-OE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-41B OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-41B OE-003		LOAD LINE - IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #42

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-42-V-001		Bottom Outlet Line - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-42-V-002		Bottom Outlet Line		↓	↓	↓	↓	↓	↓	
T-42-V-003		Bottom Outlet Line Drain		↓	↓	↓	↓	↓	↓	
T-42-V-004		Side Line - AT TANK		↓	↓	↓	↓	↓	↓	
T-42-V-005		Side Line		↓	↓	↓	↓	↓	↓	
T-42-V-006		Side Line Drain		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #42

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-42-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-42-FL-002		SIDE LINE - AT TANK								
T-42-FL-003		BLIND - TANK SIDE								
T-42-FL-004		BLIND - TANK SIDE								
T-42-FL-005		BLIND - TANK SIDE								
T-42-FL-006		M.W. SIDE HATCH								IN ACC.
T-42-FL-007		BLIND 8" SIDE OF TANK								IN ACC.
T-42-FL-008		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-42-FL-009		LEVEL IND. LINE - TOP OF TANK								
T-42-FL-010		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-42-FL-011		VENT-TO VENT SYSTEM - TOP OF TANK								
T-42-FL-012		M.W. TOP HATCH - TOP OF TANK								
T-42-FL-013		VENT-TO VENT LINE - TOP OF TANK								
T-42-FL-014		VENT-TO VENT LINE - TOP OF TANK								
T-42-FL-015		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #42

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-42-OE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-42-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #43

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-43-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-43-V-002		BOTTOM OUTLET LINE								
T-43-V-003		BOTTOM OUTLET LINE DRAIN								
T-43-V-004		SIDE LINE - AT TANK								
T-43-V-005		SIDE LINE								
T-43-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #43

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-43 FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-43 FL-002		SIDE LINE - AT TANK								
T-43 FL-003		BLIND - TANK SIDE								
T-43 FL-004		BLIND - TANK SIDE								
T-43 FL-005		BLIND - TANK SIDE								
T-43 FL-006		M.W. SIDE HATCH								IN ACC
T-43 FL-007		BLIND 8" SIDE OF TANK								IN ACC.
T-43 FL-008		LEVEL IND WIRE GUIDE - TOP OF TANK		GU			21			
T-43 FL-009		LEVEL IND. LINE - TOP OF TANK								
T-43 FL-010		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-43 FL-011		M.W. TOP HATCH - TOP OF TANK								
T-43 FL-012		VENT - TOP OF TANK								
T-43 FL-013		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #43

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-43-OE-001		SIDE LINE		LL	ATMOS	MONTHLY	21	N	10,000	
T-43-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #44

Inspection Date: 6-25-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-44-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	Monthly	V	N	10,000	
T-44-V-002		BOTTOM OUTLET LINE								
T-44-V-003		BOTTOM OUTLET LINE DRAIN								
T-44-V-004		SIDE LINE - AT TANK								
T-44-V-005		SIDE LINE								
T-44-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #44

Inspection Date: 6-25-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-44-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	Monthly	V	N	10,000	
T-44-FL-002		SIDE LINE - AT TANK								
T-44-FL-003		BLIND - TANK SIDE								
T-44-FL-004		BLIND - TANK SIDE								
T-44-FL-005		BLIND - TANK SIDE								
T-44-FL-006		M.W. SIDE HATCH								
T-44-FL-007		SIDE MIXER								
T-44-FL-008		LEVEL IND. WIRE GUIDE - TOP OF TANK		G/V						
T-44-FL-009		LEVEL IND. LINE - TOP OF TANK								
T-44-FL-010		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-44-FL-011		M.W. TOP HATCH - TOP OF TANK								
T-44-FL-012		VENT - TOP OF TANK								
T-44-FL-013		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #44

Inspection Date: 6-25-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-44-OE-001		SIDE LINE		LL	ATMOS	Monthly	V	N	10,000	
T-44-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	V	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #45

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-45-V-001		BOTTOM OUTLET LINE AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-45-V-002		BOTTOM OUTLET LINE								
T-45-V-003		BOTTOM OUTLET LINE DRAIN								
T-45-V-004		SIDE LINE AT TANK								
T-45-V-005		SIDE LINE								
T-45-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #45

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-45-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-45-FL-002		SIDE LINE - AT TANK								
T-45-FL-003		BLIND - TANK SIDE								
T-45-FL-004		BLIND - TANK SIDE								
T-45-FL-005		BLIND - TANK SIDE								
T-45-FL-006		BLIND 8" SIDE OF TANK					V			IN ACC.
T-45-FL-007		M.W. SIDE HATCH					V			IN ACC.
T-45-FL-008		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-45-FL-009		LEVEL IND. LINE - TOP OF TANK								
T-45-FL-010		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-45-FL-011		M.W. TOP HATCH - TOP OF TANK								
T-45-FL-012		VENT - TOP OF TANK								
T-45-FL-013		BLIND - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5-T#45

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-45-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	Monthly	21	N	10,000	
T-45-OE-002		SIDE LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46A-V-001		BOTTOM OUTLET LINE-AT TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC
T-46A-V-002		BOTTOM OUTLET LINE					21			
T-46A-V-003		BOTTOM OUTLET LINE DRAIN					21			
T-46A-V-004		SIDE LINE - AT TANK					V			IN ACC.
T-46A-V-005		SIDE LINE					21			
T-46A-V-006		SIDE LINE DRAIN					21			
T-46A-V-007		LOAD LINE - AT TANK					V			IN ACC.
T-46A-V-008		LOAD LINE - IN TANKER TUNNEL					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46A-FL-001		BLIND - TANK BOTTOM		LL	ATMOS	MONTHLY	V	N	10,000	IN ACC.
T-46A-FL-002		TANK OUTLET LINE - AT TANK					V			
T-46A-FL-003		TANK OUTLET LINE					V			
T-46A-FL-004		TANK OUTLET LINE					21			
T-46A-FL-005		TANK OUTLET LINE					21			
T-46A-FL-006		SIDE LINE - AT TANK					V			IN ACC.
T-46A-FL-007		BLIND - TANK SIDE					V			
T-46A-FL-008		BLIND - TANK SIDE					V			
T-46A-FL-009		LOAD LINE - AT TANK					V			
T-46A-FL-010		LOAD LINE					V			
T-46A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-46A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-46A-FL-013		BLIND 8" SIDE OF TANK					V			IN ACC.
T-46A-FL-014		M.W. SIDE HATCH					V			
T-46A-FL-016		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-46A-FL-017		LEVEL IND. LINE - TOP OF TANK		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46A-FL-018		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV	ATMOS.	Monthly	21	N	10,000	
T-46A-FL-019		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	21	N	↓	
T-46A-FL-020		VENT - TOP OF TANK		↓	↓	↓	21	N	↓	
T-46A-FL-021		BLIND - TOP OF TANK		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF#5-T#46A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46A-OE-001		SIDE LINE		LL	ATmos.	Monthly	21	N	10,000	
T-46A-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-46A-OE-003		LOAD LINE-IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	Monthly	21	N	10,000	
T-46B-V-002		BOTTOM OUTLET LINE								
T-46B V-003		BOTTOM OUTLET LINE DRAIN								
T-46B-V-004		SIDE LINE - AT TANK								
T-46B-V-005		SIDE LINE								
T-46B V-006		SIDE LINE DRAIN								
T-46B-V-007		LOAD LINE - AT TANK								
T-46B-V-008		LOAD LINE - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-46B-FL-002		BOTTOM OUTLET LINE								
T-46B-FL-003		BOTTOM OUTLET LINE								
T-46B-FL-004		BOTTOM OUTLET LINE								
T-46B-FL-005		BOTTOM OUTLET LINE								
T-46B-FL-006		SIDE LINE - AT TANK								
T-46B-FL-007		BLIND - TANK SIDE								
T-46B-FL-008		BLIND - TANK SIDE								
T-46B-FL-009		LOAD LINE - AT TANK								
T-46B-FL-010		LOAD LINE								
T-46B-FL-011		LOAD LINE - IN TANKER TUNNEL								
T-46B-FL-012		LOAD LINE - IN TANKER TUNNEL								
T-46B-FL-013		BLIND 8" SIDE OF TANK					V			IN ACC.
T-46B-FL-014		M.W. SIDE HATCH					V			
T-46B-FL-015		M.W. SIDE HATCH					V			
T-46B-FL-016		LEVEL IND. & VENT - TOP OF 46A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #46B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-46B-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10.000	
T-46B-OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	
T-46B-OE-003		Load Line-in Tanker Tunnel		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00(Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47A-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-47A-V-002		BOTTOM OUTLET LINE					21			
T-47A-V-003		BOTTOM OUTLET LINE DRAIN					21			
T-47A-V-004		SIDE LINE - AT TANK					V			IN ACC.
T-47A-V-005		SIDE LINE					21			
T-47A-V-006		SIDE LINE DRAIN					21			
T-47A-V-007		LOAD LINE - AT TANK					V			IN ACC.
T-47A-V-008		LOAD LINE - IN TANKER TUNNEL					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47A-FL-001		BLIND - BOTTOM OF TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-47A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-47A-FL-003		BOTTOM OUTLET LINE								
T-47A-FL-004		BOTTOM OUTLET LINE					21			
T-47A-FL-005		BOTTOM OUTLET LINE					21			
T-47A-FL-006		SIDE LINE - AT TANK					V			IN ACC.
T-47A-FL-007		BLIND - TANK SIDE								
T-47A-FL-008		BLIND - TANK SIDE								
T-47A-FL-009		LOAD LINE - AT TANK								
T-47A-FL-010		LOAD LINE								
T-47A-FL-011		LOAD LINE - IN TANKER TUNNEL					21			
T-47A-FL-012		LOAD LINE - IN TANKER TUNNEL					21			
T-47A-FL-013		BLIND 8" SIDE OF TANK					V			IN ACC
T-47A-FL-014		M.W. SIDE HATCH								
T-47A-FL-015		M.W. SIDE HATCH								
T-47A-FL-017		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47A-FL-018		LEVEL Ind. Line - TOP OF TANK		GV	Atmos.	Monthly	21	N	10,000	
T-47A-FL-019		LEVEL Ind. WIRE GUIDE - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-47A-FL-020		M.W. TOP HATCH - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-47A-FL-021		VENT - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-47A-FL-022		BLIND - TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 47A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47A-OE-001		Side LINE		LL	ATmos.	MonThly	21	N	10.000	
T-47A-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	
T-47A-OE-003		LOAD LINE-IN TANKER TUNNEL		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos	Monthly	21	N	10,000	
T-47B-V-002		BOTTOM OUTLET LINE								
T-47B-V-003		BOTTOM OUTLET LINE DRAIN								
T-47B-V-004		SIDE LINE - AT TANK								
T-47B-V-005		SIDE LINE								
T-47B-V-006		SIDE LINE DRAIN								
T-47B-V-007		LOAD LINE - AT TANK								
T-47B-V-008		LOAD LINE - IN TANKER TUNNEL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47B-FL-001		Bottom Outlet Line - AT TANK		LL	Atmos	Monthly	21	N	10,000	
T-47B-FL-002		Bottom Outlet Line								
T-47B-FL-003		Bottom Outlet Line								
T-47B-FL-004		Bottom Outlet Line								
T-47B-FL-005		Bottom Outlet Line								
T-47B-FL-006		Side Line - AT TANK								
T-47B-FL-007		Blind - TANK Side								
T-47B-FL-008		Blind - TANK Side								
T-47B-FL-009		Load Line - AT TANK								
T-47B-FL-010		Load Line								
T-47B-FL-011		Load Line - IN TANKER TUNNEL								
T-47B-FL-012		Load Line - IN TANKER TUNNEL								
T-47B-FL-013		M.W. Side HATCH					V			IN Acc.
T-47B-FL-014		Blind 8" Side of TANK					V			
T-47B-FL-015		M.W. Side HATCH					V			
T-47B-FL-016		LEVEL IND & VENT - TOP OF T-47A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #47B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-47B-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-47B-OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	
T-47B-OE-003		Load Line-in Tanker Tunnel		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48A-V-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	V	N	10,000	IN Acc.
T-48A-V-002		Bottom Outlet Line		↓	↓	↓	21	↓	↓	
T-48A-V-003		Bottom Outlet Line drain		↓	↓	↓	21	↓	↓	
T-48A-V-004		Side Line - At Tank		↓	↓	↓	V	↓	↓	IN Acc.
T-48A-V-005		Side Line		↓	↓	↓	21	↓	↓	
T-48A-V-006		Side Line drain		↓	↓	↓	21	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48A-FL-001		BLIND - BOTTOM OF TANK		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-48A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-48A-FL-003		SIDE LINE - AT TANK								
T-48A-FL-004		BLIND - TANK SIDE								
T-48A-FL-005		BLIND - TANK SIDE								
T-48A-FL-006		BLIND - TANK SIDE								
T-48A-FL-007		M.W. SIDE HATCH								
T-48A-FL-009		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-48A-FL-010		LEVEL IND. LINE - TOP OF TANK								
T-48A-FL-011		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-48A-FL-012		M.W. TOP HATCH - TOP OF TANK								
T-48A-FL-013		VENT - TO VENT SYSTEM TOP OF TANK								
T-48A-FL-014		VENT - TO VENT SYSTEM - TOP OF TANK								
T-48A-FL-015		VENT - TO VENT SYSTEM TOP OF TANK								
T-48A-FL-016		BLIND - TOP OF TANK								
T-48A-FL-017		BLIND 8" - SIDE OF TANK		LL			V			IN ACC.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48A-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-48A-OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48B-V-001		Bottom Outlet Line - AT TANK		LL	Atmos	Monthly	21	N	10,000	
T-48B-V-002		Bottom Outlet Line								
T-48B-V-003		Bottom Outlet Line drain								
T-48B-V-004		Side Line - AT TANK								
T-48B-V-005		Side Line								
T-48B V-006		Side Line drain								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48B-FL-001		Bottom Outlet Line - AT TANK		LL	Atmos	Monthly	21	N	10,000	
T-48B-FL-002		Side Line - AT TANK								
T-48B FL-003		Blind - Tank Side								
T-48B FL-004		Blind - Tank Side								
T-48B-FL-005		Blind - Tank Side								
T-48B-FL-006		M.W. Side Hatch								IN ACC.
T-48B FL-007		M.W. Side Hatch								
T-48B FL-008		Level Ind. & Vent - Top of T48A		GV			21			
T-48B FL-009		Blind 8 - Side of Tank		LL						IN ACC.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #48B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-48B-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-48B OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49A-V-001		Bottom Outlet Line-AT TANK		LL	Atmos.	Monthly	V	N	10,000	IN ACC.
T-49A-V-002		Bottom Outlet Line		↓	↓	↓	21	↓	↓	
T-49A-V-003		Bottom Outlet Line drain		↓	↓	↓	21	↓	↓	
T-49A-V-004		Side Line - AT TANK		↓	↓	↓	V	↓	↓	IN ACC.
T-49A-V-005		Side Line		↓	↓	↓	21	↓	↓	
T-49A-V-006		Side Line drain		↓	↓	↓	21	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49A-FL-001		BLIND - TANK BOTTOM		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-49A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-49A-FL-003		SIDE LINE - AT TANK								
T-49A-FL-004		BLIND - TANK SIDE								
T-49A-FL-005		BLIND - TANK SIDE								
T-49A-FL-006		BLIND - TANK SIDE								
T-49A-FL-007		M.W. SIDE HATCH								
T-49A-FL-008		MIXER - SIDE OF TANK								
T-49A-FL-009		BLIND - TOP OF TANK		GV			21			
T-49A-FL-010		VENT - TOP OF TANK								
T-49A-FL-011		M.W. TOP HATCH - TOP OF TANK								
T-49A-FL-012		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-49A-FL-013		LEVEL IND. LINE - TOP OF TANK								
T-49A-FL-014		LEVEL IND. WIRE GUIDE - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49A-OE-001		Side LINE		LL	Atmos.	Monthly	21	N	10,000	
T-49A-OE-002		Bottom Outlet LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49B-V-001		Bottom Outlet Line - At Tank		LL	Atmos	Monthly	21	N	10,000	
T-49B-V-002		Bottom Outlet Line								
T-49B-V-003		Bottom Outlet Line drain								
T-49B-V-004		Side Line - At Tank								
T-49B-V-005		Side Line								
T-49B-V-006		Side Line drain								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-49B-FL-002		SIDE LINE - AT TANK								
T-49B-FL-003		BLIND - TANK SIDE								
T-49B-FL-004		BLIND - TANK SIDE								
T-49B-FL-005		BLIND - TANK SIDE								
T-49B-FL-006		M.W. SIDE HATCH								IN ACC.
T-49B-FL-007		M.W. SIDE HATCH								
T-49B-FL-008		MIXER - SIDE OF TANK								
T-49B-FL-009		LEVEL IND. WIRE GUIDE - TOP OF T-49A		GV			21			
T-49B-FL-010		LEVEL IND. & VENT TOP OF T-49A								
T-49B-FL-011		LEVEL IND. WIRE GUIDE - TOP OF T-49A								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00(Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #49B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-49B-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-49B OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #50

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-50-V-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-50-V-002		Bottom Outlet Line								
T-50-V-003		Bottom Outlet Line drain								
T-50-V-004		Side Line - AT TANK								
T-50-V-005		Side Line								
T-50-V-006		Side Line drain								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #50

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-50-FL-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-50-FL-002		Side Line - AT TANK								
T-50-FL-003		Blind - Tank Side								
T-50-FL-004		Blind - Tank Side								
T-50-FL-005		Blind - Tank Side								
T-50-FL-006		M.W. Side Hatch								IN ACC.
T-50-FL-007		Mixer - Side of Tank								
T-50-FL-008		Blind Top of Tank		GV			21			
T-50-FL-009		Vent - Top of Tank								
T-50-FL-010		M.W. Top Hatch - Top of Tank								
T-50-FL-011		Level Ind. Wire Guide - Top of Tank								
T-50-FL-012		Level Ind. Line - Top of Tank								
T-50-FL-013		Level Ind. Wire Guide - Top of Tank								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0[illegible] = Sampling Connection System
- OE-00[illegible] = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #50

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-50-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-50-OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #51

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-51-V-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-51-V-002		Bottom Outlet Line								
T-51-V-003		Bottom Outlet Line drain								
T-51-V-004		Side Line - AT TANK								
T-51-V-005		Side Line								
T-51-V-006		Side Line drain								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #51

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-51-FL-001		BOTTOM OUTLET LINE-AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-51-FL-002		BOTTOM OUTLET LINE								
T-51-FL-003		BOTTOM OUTLET LINE								
T-51-FL-004		BOTTOM OUTLET LINE								
T-51-FL-005		BOTTOM OUTLET LINE								
T-51-		SIDE LINE								
T-51-FL-007		BLIND - TANK SIDE								
T-51-FL-008		BLIND - TANK SIDE								
T-51-FL-009		BLIND - TANK SIDE								
T-51-FL-010		M.W. SIDE HATCH								IN ACC.
T-51-FL-011		BLIND 8" - SIDE OF TANK								
T-51-FL-012		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-51-FL-013		LEVEL IND. LINE - TOP OF TANK								
T-51-FL-014		LEVEL IND. WIRE GUIDE TOP OF TANK								
T-51-FL-015		M.W. TOP HATCH - TOP OF TANK								
T-51-FL-016		VENT - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #51

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-51-FL-017		BLIND - TOP OF TANK		GV	Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0(= Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #51

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-51-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-51-OE-002		Bottom Outlet Line		↓	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52A-V-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	V	N	10,000	IN Acc.
T-52A-V-002		Bottom Outlet Line					21			
T-52A-V-003		Bottom Outlet Line drain					21			
T-52A-V-004		Side Line - AT TANK					V			IN Acc.
T-52A-V-005		Side Line					21			
T-52A-V-006		Side Line drain					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52A-FL-001		BLIND - BOTTOM OF TANK		LL	Atmos.	Monthly	V	N	10,000	IN ACC.
T-52A-FL-002		BOTTOM OUTLET LINE - AT TANK					V			
T-52A-FL-003		BOTTOM OUTLET LINE					V			
T-52A-FL-004		BOTTOM OUTLET LINE					21			
T-52A-FL-005		BOTTOM OUTLET LINE					21			
T-52A-FL-006		SIDE LINE - AT TANK					V			IN ACC.
T-52A-FL-007		BLIND - TANK SIDE					V			
T-52A-FL-008		BLIND - TANK SIDE					V			
T-52A-FL-009		BLIND - TANK SIDE					V			
T-52A-FL-010		M.W. SIDE HATCH					V			
T-52A-FL-011		BLIND 8' SIDE OF TANK					V			
T-52A-FL-013		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-52A-FL-014		LEVEL IND. LINE - TOP OF TANK					21			
T-52A-FL-015		LEVEL IND. WIRE GUIDE - TOP OF TANK					21			
T-52A-FL-016		M.W. TOP HATCH - TOP OF TANK					21			
T-52A-FL-017		VENT - TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52A-FL-018		BLIND - TOP OF TANK		GV	ATMOS.	MONTHLY	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52A-OE-001		Side Line		LL	Atmos.	Monthly	21	N	10,000	
T-52A-OE-002		Bottom Outlet Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52B-V-001		Bottom Outlet Line - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-52B-V-002		Bottom Outlet Line		↓	↓	↓	↓	↓	↓	
T-52B-V-003		Bottom Outlet Line drain		↓	↓	↓	↓	↓	↓	
T-52B-V-004		Side Line - AT TANK		↓	↓	↓	↓	↓	↓	
T-52B-V-005		Side Line		↓	↓	↓	↓	↓	↓	
T-52B-V-006		Side Line drain		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52B-FL-001		Bottom Outlet Line-AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-52B-FL-002		Bottom Outlet Line								
T-52B-FL-003		Bottom Outlet Line								
T-52B-FL-004		Bottom Outlet Line								
T-52B-FL-005		Bottom Outlet Line								
T-52B-FL-006		Side Line - AT TANK								
T-52B-FL-007		Blind - Tank Side								
T-52B-FL-008		Blind - Tank Side								
T-52B-FL-009		Blind - Tank Side								
T-52B-FL-010		M.W. Side Hatch								IN ACC.
T-52B-FL-011		M.W. Side Hatch								
T-52B-FL-012		Blind 8" - Side of Tank								
T-52B-FL-013		Level Ind & Vent - Top of T52A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- [illegible]-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #52B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-52B-DE-001		Bottom Outlet Line		LL	Atmos.	Monthly	21	N	10,000	
T-52B-DE-002		Side Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 53A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53A-V-001		Bottom Outlet Line - At Tank		LL	Atmos	Monthly	V	N	10,000	IN Acc.
T-53A-V-002		Bottom Outlet Line					21			
T-53A-V-003		Bottom Outlet Line drain					21			
T-53A-V-004		Side Line - At Tank					V			IN Acc.
T-53A-V-005		Side Line					21			
T-53A-V-006		Side Line drain					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #53A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53A-FL-001		BLIND - TANK BOTTOM		LL	ATMOS.	MONTHLY	V	N	10,000	IN ACC.
T-53A-FL-002		BOTTOM OUTLET LINE - AT TANK								
T-53A-FL-003		BOTTOM OUTLET LINE								
T-53A-FL-004		BOTTOM OUTLET LINE								
T-53A-FL-005		BOTTOM OUTLET LINE								
T-53A-FL-006		SIDE LINE - AT TANK								
T-53A-FL-007		BLIND - TANK SIDE								
T-53A-FL-008		BLIND - TANK SIDE								
T-53A-FL-009		BLIND - TANK SIDE								
T-53A-FL-010		M.W. SIDE HATCH								
T-53A-FL-011		BLIND 8' - SIDE OF TANK								
T-53A-FL-01		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-53A-FL-014		LEVEL IND. LINE - TOP OF TANK								
T-53A-FL-015		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-53A-FL-016		M.W. TOP HATCH - TOP OF TANK								
T-53A-FL-017		VENT - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 53A

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53A-FL-018		BLIND - TOP OF TANK		GV	ATMOS.	MONTHLY	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #53A

Inspection Date: 6-24-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53A-OE-001		Side LINE		LL	ATmos	MonTHLY	21	N	10,000	
T-53A-OE-002		BoTTom OutLET LINE		↓	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #53B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53B-V-001		BOTTOM OUTLET LINE AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-53B-V-002		BOTTOM OUTLET LINE								
T-53B-V-003		BOTTOM OUTLET LINE DRAIN								
T-53B-V-004		SIDE LINE AT TANK								
T-53B-V-005		SIDE LINE								
T-53B-V-006		SIDE LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #53B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53B-FL-001		Bottom Outlet Line-AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-53B FL-002		Bottom Outlet Line								
T-53B-FL-003		Bottom Outlet Line								
T-53B-FL-004		Bottom Outlet Line								
T-53B-FL-005		Bottom Outlet Line								
T-53B-FL-006		Side Line-AT TANK								
T-53B FL-007		Blind-Tank Side								
T-53B FL-008		Blind-Tank Side								
T-53B FL-009		Blind-Tank Side								
T-53B-FL-010		M.W. Side Hatch					V			IN ACC.
T-53B FL-011		M.W Side Hatch					V			
T-53B-FL-012		Blind 8" - Side of Tank					V			
T-53B-FL-013		Level Ind. & Vent - Top of T-53A		GV			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

WU Mngmnt. Unit: TF #5 - T # 53B

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-53B-OE-001		Bottom Outlet Line		LL	Atmos.	Monthly	21	N	10,000	
T-53B-OE-002		Side Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #54

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-54-V-001		Side Line - At Tank		LL	Atmos.	Monthly	21	N	10,000	
T-54-V-002		Side Line								
T-54-V-003		Side Line drain								
T-54-V-004		F.P. Line To Pump Inlet								
T-54-V-005		F.P. Line bleeder to Tank								
T-54-V-006		F.P. Line from Pump Outlet								
T-54-V-007		F.P. Line from Pump Inlet Drain								
T-54-V-008		F.P. Line from Pump Outlet Drain								
T-54-V-009		F.P. Line to Filter Inlet - in T.T.								
T-54-V-010		F.P. Line Filter drain in TT								
T-54-V-011		F.P. Line Filter Bleeder								
T-54-V-012		F.P. Line Filter Press. Ind. in TT								
T-54-V-013		F.P. Line Filter Outlet in T.T.								
T-54-V-014		F.P. Line Filter Outlet Blowout in T.T.								
T-54-V-015		Sample Port - At Tank								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] = Closed Vent System
- SS-00[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #54

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-54-FL-001		Side Line - AT TANK		LL	Atmos	Monthly	21	N	10.000	
T-54-FL-002		F.P. Line - AT TANK								
T-54-FL-003		Final Product Line - By Tank								
T-54-FL-004		F.P. Line - To Pump Inlet								
T-54-FL-005		F.P. Line From Pump Outlet								
T-54-FL-006		F.P. Line Filter Inlet At Valve In T.T.								
T-54-FL-007		F.P. Line Filter Inlet At Filter - In T.T.								
T-54-FL-008		F.P. Line Filter Outlet At Filter - In T.T.								
T-54-FL-009		F.P. Line Filter Outlet At Filter - In T.T.								
T-54-FL-010		Blind - AT TANK								
T-54-FL-011		Sample Port - AT TANK								
T-54-FL-012		Blind - Tank Bottom								
T-54-FL-013		Blind - Tank Bottom								
T-54-FL-014		M.W. Side Hatch								
T-54-FL-015		M.W. Top Hatch - Top of Tank		GV						
T-54-FL-016		Air Press. Line - Top of Tank								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #54

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-54-FL-017		VENT - TOP OF TANK		GV	Atmos.	Monthly	21	N	10,000	
T-54-FL-018		VENT - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-54-FL-019		LEVEL IND. WIRE GUIDE - TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-54-FL-020		LEVEL IND. LINE TOP OF TANK		↓	↓	↓	↓	↓	↓	
T-54-FL-021		LEVEL IND. WIRE GUIDE TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #54

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-54-OE-001		SIDE LINE		LL	ATmos.	MonTnly	21	N	10,000	
T-54-OE-002		BOTTOM OUTLET F.P. LINE PUMP INLET		↓	↓	↓	↓	↓	↓	
T-54-OE-003		F.P. LINE FOR PUMP OUTLET		↓	↓	↓	↓	↓	↓	
T-54-OE-004		F.P. FILTER OUTLET - IN TANDER TUNNEL		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #55

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-55-V-001		SAMPLE PORT AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-55-V-002		SIDE LINE - AT TANK								
T-55-V-003		SIDE LINE								
T-55-V-004		SIDE LINE DRAIN								
T-55-V-005		F.P. LINE TO PUMP INLET								
T-55-V-006		F.P. LINE BLEEDER TO TANK								
T-55-V-007		F.P. LINE FROM PUMP OUTLET								
T-55-V-008		F.P. LINE FROM PUMP OUTLET DRAIN								
T-55-V-009		F.P. LINE TO PUMP INLET DRAIN								
T-55-V-010		F.P. LINE FILTER INLET - IN T.T.								
T-55-V-011		F.P. LINE FILTER DRAIN IN T.T.								
T-55-V-012		F.P. LINE FILTER BLEEDER IN T.T.								
T-55-V-013		F.P. LINE FILTER PRESS. IND. - IN T.T.								
T-55-V-014		F.P. LINE FILTER OUTLET - IN T.T.								
T-55-V-015		F.P. LINE FILTER OUTLET BLOWOUT - IN T.T.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #55

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-55-FL-001		SIDE LINE - AT TANK		LL	ATmos.	Monthly	21	N	10,000	
T-55-FL-002		F.P. LINE - AT TANK								
T-55-FL-003		F.P. LINE - AT LINE BLEEDER VALVE								
T-55-FL-004		F.P. LINE - AT VALVE 004								
T-55-FL-005		F.P. LINE - AT VALVE 007								
T-55-FL-006		SAMPLE PORT - AT TANK								
T-55-FL-007		M.W SIDE HATCH								
T-55-FL-008		BLIND - TANK BOTTOM								
T-55-FL-009		BLIND - TANK BOTTOM								
T-55-FL-010		BLIND - TANK BOTTOM								
T-55-FL-011		F.P. LINE FILTER INLET AT VALVE - IN T.T.								
T-55-FL-012		F.P. LINE FILTER INLET AT FILTER IN T.T.								
T-55-FL-013		F.P. LINE FILTER OUTLET AT FILTER IN T.T.								
T-55-FL-014		F.P. LINE FILTER OUTLET AT VALVE IN T.T.								
T-55-FL-015		M.W TOP HATCH - TOP OF TANK		GV						
T-55-FL-016		AIR PRESS. LINE - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #55

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-55-FL 017		VENT-TOP OF TANK		GV	ATmos	Monthly	21	N	10,000	
T-55-FL-018		VENT - TOP OF TANK								
T-55-FL-019		LEVEL IND. WIRE GUIDE TOP OF TANK								
T-55-FL-020		LEVEL IND. LINE - TOP OF TANK								
T-55-FL 021		LEVEL IND. WIRE GUIDE TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' = Closed Vent System
- SS 00 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #55

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-55-OE-001		SIDE LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-55-OE-002		F.P. LINE OUTLET TO PUMP		↓	↓	↓	↓	↓	↓	
T-55-OE-003		F.P. LINE FROM PUMP OUTLET		↓	↓	↓	↓	↓	↓	
T-55-OE-004		F.P. LINE FILTER OUTLET IN T.T.		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #56

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-56-V-001		BOTTOM OUTLET LINE-AT TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
T-56-V-002		BOTTOM OUTLET LINE								
T-56-V-003		BOTTOM OUTLET LINE DRAIN								
T-56-V-004		SIDE LINE - AT TANK								
T-56-V-005		SIDE LINE								
T-56-V-006		SIDE LINE DRAIN								
T-56-V-007		TOP INHIBITOR LINE - AT TOP OF TANK								
T-56-V-008		TOP INHIBITOR LINE								
T-56-V-009		TOP INHIBITOR LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00L Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #56

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-56-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATmos.	MONTHLY	21	N	10,000	
T-56-FL-002		BOTTOM OUTLET LINE - AT VALVE					21			
T-56-FL-003		BOTTOM OUTLET LINE - AT VALVE					21			
T-56-FL-004		SIDE LINE AT TANK					V			IN ACC.
T-56-FL-005		TOP INHIBITOR LINE - AT TOP OF TANK					21			
T-56-FL-006		BLIND - TANK SIDE					21			
T-56-FL-007		BLIND - TANK SIDE					21			
T-56-FL-008		BLIND - TANK SIDE					21			
T-56-FL-009		BLIND - TANK SIDE					21			
T-56-FL-010		M W SIDE HATCH					V			IN ACC.
T-56-FL-011		MIXER - TANK SIDE					V			
T-56-FL-012		AIR PRESS. LINE - AT TOP OF TANK		GV			21			
T-56-FL-013		M.W. TOP HATCH - AT TOP OF TANK					21			
T-56-FL-014		LEVEL IND. WIRE GUIDE - AT TOP OF TANK					21			
T-56-FL-015		LEVEL IND. LINE - AT TOP OF TANK					21			
T-56-FL-016		LEVEL IND. WIRE GUIDE AT TOP OF TANK					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #56

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-56-FL-017		VENT - AT TOP OF TANK		GV	ATMOS.	MonThly	21	N	10,000	
T-56-FL-018		VENT - AT TOP OF TANK		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 Closed Vent System
- SS-0001 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #56

Inspection Date: 6-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-56-OE-001		Bottom Outlet Line		LL	Atmos.	Monthly	21	N	10,000	
T-56-OE-002		Side Top Line		↓	↓	↓	21	N	↓	
T-56-OE-003		Top Inhibitor Line		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57A

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57A-V-001		BOTTOM OUTLET LINE AT TANK		LL	ATMOS.	MONTHLY	V	N	10,000	
T-57A-V-002		BOTTOM OUTLET LINE					21			
T-57A-V-003		BOTTOM OUTLET LINE DRAIN								
T-57A-V-004		TOP INHIBITOR LINE - TOP OF TANK								
T-57A-V-005		TOP INHIBITOR LINE								
T-57A-V-006		TOP INHIBITOR LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57A

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T 57A FL 001		BOTTOM OUTLET LINE AT TANK		LL	ATmos.	Monthly	V	N	10,000	IN ACC.
T-57A-FL-002		BOTTOM OUTLET LINE - AT VALVE								
T-57A-FL-003		TOP INHIBITOR LINE - TOP OF TANK								
T-57A-FL-004		BLIND - TANK SIDE								
T-57A-FL-005		BLIND - TANK SIDE								
T-57A-FL-006		BLIND - TANK SIDE								
T-57A-FL-007		BLIND - TANK SIDE								
T-57A-FL-008		M.W. SIDE HATCH								
T-57A-FL-010		MIXER - SIDE OF TANK								
T-57A-FL-011		BLIND TANK BOTTOM								
T-57A-FL-012		LEVEL IND. LINE - TOP OF TANK		GV			21			
T-57A-FL-013		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-57A-FL-014		LEVEL IND. WIRE GUIDE - TOP OF TANK								
T-57A-FL-015		M.W. TOP HATCH - TOP OF TANK								
T-57A-FL-016		AIR PRESS. LINE - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57A

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57A-FL-017		VENT - TOP OF TANK		GV	ATmos	Monthly	21	N	10,000	
T-57A-FL-018		VENT - TOP OF TANK		↓	↓	↓	21	N	↓	
T-57A-FL-019		VENT - TOP OF TANK		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57A

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57A-OE-001		BOTTOM OUTLET LINE		LL	ATMOS	MONTHLY	21	N	10,000	
T-57A-OE-002		TOP INHIBITOR LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57B

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57B-V-001		BOTTOM OUTLET LINE - AT TANK		LL	Atmos.	Monthly	21	N	10,000	
T-57B-V-002		BOTTOM OUTLET LINE								
T-57B-V-003		BOTTOM OUTLET LINE DRAIN								
T-57B-V-004		SIDE TOF INHIBITOR LINE - AT TANK								
T-57B-V-005		SIDE TOF INHIBITOR LINE								
T-57B-V-006		SIDE TOF INHIBITOR LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 - Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57B

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57B-FL-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS.	MONTHLY	21		10,000	
T-57B-FL-002		BOTTOM OUTLET LINE - AT VALVE								
T-57B-FL-003		BOTTOM OUTLET LINE - AT VALVE								
T-57B-FL-004		SIDE TOP INHIBITOR LINE AT TANK								
T-57B-FL-005		BLIND - TANK SIDE								
T-57B-FL-006		BLIND - TANK SIDE								
T-57B-FL-007		BLIND - TANK SIDE								
T-57B-FL-008		BLIND - TANK SIDE								
T-57B-FL-009		MIXER - TANK SIDE								INACC.
T-57B-FL-010		M.W. - SIDE HATCH								
T-57B-FL-011		M.W. - SIDE HATCH								
T-57B-FL-012		LEVEL IND. WIRE GUIDE - TOP OF TANK		GV			21			
T-57B-FL-013		LEVEL IND. & VENT - TOP OF TANK								
T-57B-FL-014		LEVEL IND. & VENT - TOP OF TANK								
T-57B-FL-015		LEVEL IND. & VENT TOP OF TANK								
T-57B-FL-016		LEVEL IND & VENT - TO VENT SYSTEM - TOP OF TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #57B

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57B-FL-017		LEVEL IND. WIRE GUIDE-TOP OF TANK		GV	ATMOS.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #5TB

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-57B-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-57B-OE-002		SIDE TOP INHIBITOR LINE - AT TANK		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #58

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-58-V-001		BOTTOM OUTLET LINE - AT TANK		LL	ATMOS	MONTHLY	21	N	10,000	
T-58-V-002		BOTTOM OUTLET LINE								
T-58-V-003		BOTTOM OUTLET LINE DRAIN								
T-58-V-004		SIDE LINE - AT TANK								
T-58-V-005		SIDE LINE								
T-58-V-006		SIDE LINE DRAIN								
T-58-V-007		TOP INHIBITOR LINE - TOP OF TANK								
T-58-V-008		TOP INHIBITOR LINE								
T-58-V-009		TOP INHIBITOR LINE DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #58

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-58-FL-001		Bottom Outlet Line - At Tank		LL	Atmos.	Monthly	21	N	10,000	
T-58-FL-002		Bottom O								
T-58-FL-003		Bottom Outlet Line - At Valve								
T-58-FL-004		Side Line - At Tank								
T-58-FL-005		Blind - Tank Side								
T-58-FL-006		Blind - Tank Side								
T-58-FL-007		Blind - Tank Side								
T-58-FL-008		Blind - Tank Side								
T-58-FL-009		M.W. Side Hatch					V			
T-58-FL-010		Mixer - Side of Tank					V			
T-58-FL-011		Air Press. Line - Top of Tank		GV			21			
T-58-FL-012		Level Ind. Line -								
T-58-FL-013		Vent -								
T-58-FL-014		Vent -								
T-58-FL-015		Level Ind. Wire Guide -								
T-58-FL-016		Level Ind. Wire Guide -								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #58

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-58-FL-017		M.W. TOP HATCH - TOP OF TANK		GV	ATMOS	MONTHLY	21	N	10,000	
T-58-FL-018		TOP INHIBITOR LINE - TOP OF TANK		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-01 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 58

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-58-OE-001		BOTTOM OUTLET LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-58-OE-002		SIDE LINE		↓	↓	↓	↓	↓	↓	
T-58-OE-003		TOP INHIBITOR LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #59

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-59-V-001		sample port - side of tank		LL	ATMOS	MONTHLY	21	N	10,000	
T-59-V-002		side line - at tank								
T-59-V-003		side line								
T-59-V-004		side line drain								
T-59-V-005		F.P. line outlet to pump								
T-59-V-006		F.P. line bleed valve								
T-59-V-007		F.P. line from pump outlet								
T-59-V-008		F.P. line from pump outlet drain								
T-59-V-009		F.P. line outlet to pump drain								
T-59-V-010		F.P. line filter inlet	in T.T.							
T-59-V-011		F.P. line filter drain								
T-59-V-012		F.P. line filter bleeder								
T-59-V-013		F.P. line filter P.I.								
T-59-V-014		F.P. line filter outlet								
T-59-V-015		F.P. line filter outlet blowout								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-001 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 59

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-59-FL-001		m.w. side HATCH		LL	4 Tmcs.	Monthly	21	N	10,000	
T-59-FL-002		sample port - tank side								
T-59-FL-003		side line - at tank								
T-59-FL-004		blind - tank bottom								
T-59-FL-005		blind - tank bottom								
T-59-FL-006		F.P. line - at tank								
T-59-FL-007		blind - tank bottom								
T-59-FL-008		F.P. line - bleed valve								
T-59-FL-009.		F.P. line - valve from Pump								
T-59-FL-010		F.P line - valve to pump.								
T-59-FL-011		F.P. line - filter inlet valve in T.T.								
T-59-FL-012		F.P line - filter inlet								
T-59-FL-013		F.P. line - filter outlet								
T-59-FL-014		F.P. line - filter outlet valve								
T-59-FL-015		air press. line - top of tank		GV						
T-59-FL-016.		Vent - top of tank.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 59

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-59-FL-017		VENT	TOP OF TANK	GV	ATmos.	MonThly	21	N	10,000	
T-59-FL-018		Level IND. Line								
T-59-FL-019		Level IND. WIRE GUIDE								
T-59-FL-020		Level IND. WIRE GUIDE								
T-59-FL-021		M.W. TOP HATCH								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 59

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-59-OE-001		SIDE LINE		LL	ATMOS.	Monthly	21	N	10,000	
T-59-OE-002		F.P. LINE	OUTLET TO PUMP	↓	↓	↓	↓	↓	↓	
T-59-OE-003		F.P. LINE	FROM PUMP	↓	↓	↓	↓	↓	↓	
T-59-OE-004		F.P. LINE	FILTER OUTLET IN T.T.	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #60

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-60-V-001		SAMPLE PORT - SIDE OF TANK		LL	ATmos.	Monthly	21	N	10,000	
T-60-V-002		SIDE LINE - AT TANK								
T-60-V-003		SIDE LINE								
T-60-V-004		SIDE LINE DRAIN								
T-60-V-005		F.P. LINE	OUTLET TO PUMP							
T-60-V-006		F.P. LINE	BLEED VALVE							
T-60-V-007		F.P. LINE	FROM PUMP OUTLET							
T-60-V-008		F.P. LINE	OUTLET TO PUMP DRAIN							
T-60-V-009		F.P. LINE	FROM PUMP OUTLET DRAIN							
T-60-V-010		F.P. LINE	FILTER INLET IN T.T							
T-60-V-011		F.P. LINE	FILTER DRAIN							
T-60-V-012		F.P. LINE	FILTER BLEED							
T-60-V-013		F.P. LINE	FILTER P.I.							
T-60-V-014		F.P. LINE	FILTER OUTLET							
T-60-V-015		F.P. LINE	FILTER OUTLET DRAIN							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T # 60

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-60-FL-001		M.W. SIDE HATCH		LL	ATmos	Monthly	21	N	10,000	
T-60-FL-002		SAMPLE PORT - TANK SIDE								
T-60-FL-003		SIDE LINE - AT TANK								
T-60-FL-004		BLIND - TANK BOTTOM								
T-60-FL-005		BLIND - TANK BOTTOM								
T-60-FL-006		BLIND - TANK BOTTOM								
T-60-FL-007		F.P. LINE - AT TANK								
T-60-FL-008		F.P. LINE - VALVE TO PUMP								
T-60-FL-009		F.P. LINE - BLEED VALVE								
T-60-FL-010		F.P. LINE - VALVE FROM PUMP								
T-60-FL-011		F.P. LINE - FILTER INLET VALVE	IN T.T.							
T-60-FL-012		FP LINE - FILTER INLET	IN T.T.							
T-60-FL-013		FP LINE - FILTER OUTLET	IN T.T.							
T-60-FL-014		FP LINE - FILTER OUTLET VALVE	IN T.T.							
T-60-FL-015		AIR PRESS LINE -	TOP OF TANK	GV						
T-60-FL-016		VENT - TOP OF TANK.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T #60

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-60-FL-017		VENT	TOP OF TANK	GV	ATMOS.	MONTHLY	21	N	10,000	
T-60-FL-018		Level IND. Line								
T-60-FL-019		Level IND. WIRE GUIDE								
T-60-FL-020		Level IND. WIRE GUIDE								
T-60-FL-021		M.W. TOP HATCH								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TF #5 - T# 60

Inspection Date: 6-27-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-60-OE-001		SIDE LINE		LL	Atmos.	Monthly	21	N	10,000	
T-60-OE-002		F.P. LINE OUTLET TO PUMP		↓	↓	↓	↓	↓	↓	
T-60-OE-003		F.P. LINE FROM PUMP IN T.T.		↓	↓	↓	↓	↓	↓	
T-60-OE-004		F.P. LINE FILTER OUTLET		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

★

A complete Test was done on This equipment on 6-21-91 while running THF under 5 PSI Press There were no leaks detected.

Sheet No. 1

Identification and Monitoring Record for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 level-5

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V0001			Feed Tray-46		Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-5

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0001			Top of Column Vapor outlet.		PRES.	Monthly	21	N		
F-2-FL-0002			Main Cond. Vapor inlet							
F-2-FL-0003			Main Cond. Blind flange							
F-2-FL-0004			Rupture disc							
F-2-FL-0006			Column sight glass							
F-2-FL-0007			Tray 46 at column							
F-2-FL-0008			Solvent feed line							
F-2-FL-0009			Vent cond. blind fl.							
F-2-FL-0010			Flange top of column							
F-2-FL-0151			Thermo coupling at column							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-4

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-000-2			Tray-41		PRESS.	monthly	21	N		
F-2-V-0003			Tray-36							
F-2-V-0004			Feed line manifold valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-4

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-005			Reflux line		PRESS.	monthly	21	N		
F-2-FL-0012			Tray-41 at Column							
F-2-FL-0013			Tray-36 at Column							
F-2-FL-0014			Vent-Cond. blind							
F-2-FL-0015			Vent-cond. blind							
F-2-FL-0016			Vent cond. bot. line							
F-2-FL-0152			Thermo coupling at column							
F-2-FL-0153			Thermo coupling at column							
F-2-FL-0154			Thermo coupling at column							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-3

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0005			Tray-31		PRESS.	Monthly	V	N		Inacc.
F-2-V-0006			Tray-26				21			
F-2-V-0007			Tray-21				21			
F-2-V-0008			Feed line manifold valve				21			
F-2-V-0009			vent header Aux. ball valve				V			Inacc.
F-2-V-0010			ATO vent line				V			Inacc.
F-2-V-0011			vent cond. vent line							
F-2-V-0012			ATO vent regulator valve				21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-3

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
					PRESS.	Monthly	V	N		Inacc.
F-2-FL-0017			Tray-31 aT column				21			
F-2-FL-0018			Tray-26 aT column							
F-2-FL-0019			Tray-21 aT column							
F-2-FL-0020			Main cond. bot. Flange							
F-2-FL-0021			Main cond. vent line							
F-2-FL-0022			Blind flange on column							
F-2-FL-0023			Blind flange on column							
F-2-FL-0024			Blind flange on column							
F-2-FL-0025			Blind flange on column							
F-2-FL-0026			Blind flange on column							
F-2-FL-0027			Blind flange on column							
F-2-FL-0028			Blind flange on column							
F-2-FL-0029			Main cond vent line				V			Inacc.
F-2-FL-0030			Main cond. vent line				V			Inacc.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 7

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 level-3

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
					PRESS.	monthly	V	N		Inacc.
F-2-FL-0031			Decant Tank vent		↓	↓		↓		
F-2-FL-0032			Decant leg vent				V			Inacc.
F-2-FL-0033			vent header end (Blind)				V			Inacc.
F-2-FL-0034			Decant leg vent				21			
F-2-FL-0035			Decant leg vent				↓			
F-2-FL-0036			Decant Tank Top							
F-2-FL-0037			Decant line							
F-2-FL-0038			Decant line							
F-2-FL-0039			Decant line							
F-2-FL-0040			Reflux line							
F-2-FL-0041			Main cond. bottom							
F-2-FL-0042			UTO vent line				↓			
F-2-FL-0044			Vent Cond. drain				V			Inacc.
F-2-FL-0045			ATO vent at - vent header				V			Inacc.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Level-3

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0046			Vent header line		PRESS.	monthly	21	N		
F-2-FL-0047			Vent header line							
F-2-FL-0048			Vent cond. drain							
F-2-FL-0049			Decant Tank To Coalescer							
F-2-FL-0050			Coalescer Cooler Top (Blind)							
F-2-FL-0065			Vent Cond. drain							
F-2-FL-0066			UTO to cooler line							
F-2-FL-0155			Thermometer at column							
F-2-FL-0156			Thermometer at column							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2 - LEVEL #2

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
2-V-0013		FEED TRAY - #16			PRESS.	Monthly	V	N		Inacc.
2-V-0014		FEED TRAY - #11					21			
2-V-0015		FEED TRAY - #16					21			
2-V-0016		ATO VENT COND. TOP					21			
2-V-0017		ATO VENT COND. TOP					V			Inacc.
2-V-0018		COALESCER COOLER					21			
2-V-0019		COALESCER COOLER								
2-V-0020		COALESCER COOLER								
2-V-0021		SURGE TANK LEVEL CONTROL DRAIN								
2-V-0022		COALESCER COOLER DRAIN								
2-V-0036		ATO TO COALESCER COOLER								
2-V-0037		ATO DIFF. VALVE								
2-V-0038		ATO DIFF. VALVE								
2-V-0039		ATO DIFF. VALVE								
2-V-0040		ATO DIFF. VALVE								
2-V-0135		ATO DIFF. VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2 - LEVEL #2

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
2-FL-0043		UTO TO SURGE TANK			PRESS.	monthly	21	N		
2-FL-0051		TRAY-16 AT COLUMN					✓			Inacc.
2-FL-0052		TRAY-11 AT COLUMN					21			
2-FL-0053		TRAY-6 AT COLUMN								
2-FL-0054		ATO COND. VAPOR INLET								
2-FL-0055		ATO VENT COND.								
2-FL-0056		COALESCER COOLER BOTTOM (BLIND)								
2-FL-0057		DECANT TANK BOTTOM (BLIND)								
2-FL-0058		OUTLET, DECANT TANK BOTTOM					✓			Inacc.
2-FL-0059		DECANT LEG					✓			Inacc.
2-FL-0060		DECANT LEG					21			
2-FL-0061A		REVERSE DECANT (BLIND)								
2-FL-0061B		REVERSE DECANT (BLIND)								
2-FL-0062A		REVERSE DECANT (BLIND)								
2-FL-0062B		REVERSE DECANT (BLIND)								
-2-FL-0063		SURGE TANK VENT								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F2-LEVEL #2

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-0064		SURGE TANK VENT			PRESS.	monthly	21	N		
1-FL-0067		UTO TO COALESCER					✓			Inacc.
2-FL-0068		SURGE TANK LEVEL CONTROL					21			
-FL-0069		SURGE TANK LEVEL CONTROL								
-FL-0070		BLIND SURGE TANK								
1-FL-0071		BLIND SURGE TANK								
2-FL-0072		SURGE TANK BOTTOM								
2-FL-0073		SURGE TANK THERMO COUPLING								
2-FL-0074		UTO TO COALESCER					↓			
2-FL-0076										
2-FL-0097		COALESCER COOLER BOTTOM					21			
2-FL-0138		DECANT LEG TO T-140					21			
2-FL-0157		THERMOCOUPLING AT COLUMN					✓			Inacc.
-2-FL-0158		THERMOCOUPLING AT COLUMN					21			
2-FL-0159		THERMO COUPLING AT COLUMN					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2 - LEVEL-1

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-2-V-0023		FEED TRAY-2			PRESS.	Monthly	21	N		
-2-V-0024		POT SIGHT GLASS VALVE								
-2-V-0025		POT SIGHT GLASS VALVE								
-2-V-0026		POT SIGHT GLASS DRAIN								
-2-V-0027		POT TO ATO DEMISTER VALVE								
-2-V-0028		ATO DRAIN VALVE								
-2-V-0029		ATO SAMPLE PORT								
-2-V-0030		ATO DRAIN LINE								
-2-V-0031		ATO TO PUMP LINE								
-2-V-0032		ATO DEMISTER DRAIN								
-2-V-0033		ATO OLD SIGHT GLAS VALVE								
-2-V-0034		ATO LEVEL CONTROL DRAIN								
-2-V-0035		ATO COND. OUTLET								
-2-V-0041		POT LEVEL CONTROL DRAIN (BOT)								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2 - LEVEL-1

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-2-V-0042		POT LEVEL CONTROL DRAIN (SIDE)			PRESS.	Monthly	21	N		
-2-V-0043		LTO TO COOLER			↓	↓	↓	↓		
-2-V-0044		LTO/FEED INTERCHANGER VENT			↓	↓	↓	↓		
-2-V-0051		REFLUX CONTROL VALVE			↓	↓	↓	↓		
-2-V-0083		UTO TO COALESCER DRAIN			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2-LEVEL-1

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
2-FL-0075		TRAY-2 AT COLUMN			PRESS.	Monthly	21	N		
2-FL-0076		LEVEL CONTROL AT POT								
2-FL-0077		LEVEL CONTROL AT POT								
2-FL-0078		SIGHT GLASS ON POT								
2-FL-0079		SIGHT GLASS ON POT								
2-FL-0080		POT TO ATO PSI DIFF. VALVE								
2-FL-0081		POT TO ATO DEMISTER								
2-FL-0082		POT TO ATO DEMISTER								
2-FL-0083		POT TO ATO DEMISTER								
2-FL-0084		BLIND FLANGE ON POT								
2-FL-0086		ATO DEMISTER TOP								
2-FL-0087		ATO DEMISTER TOP								
2-FL-0088		ATO COND. BLIND								
2-FL-0089		ATO DEMISTER BOTTOM AT DRAIN								
2-FL-0091		ATO COND. TO ATO VENT COND.								Inacc.
2-FL-0092		ATO COND. TO ATO VENT COND.					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-2 - LEVEL - 1

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
2-FL-0093		ATO COND. LEVEL CONTROL			PRESS.	monthly	21	N		
2-FL-0094		ATO COND. LEVEL CONTROL								
2-FL-0095		ATO COND. BOTTOM								
2-FL-0098		POT TO LTO COOLER								
2-FL-0099		POT TO REBOILER								
2-FL-0100		REBOILER TOP								
2-FL-0101		DECANT LEG								
2-FL-0103		F-2 BOTTOM TO REBOILER								
2-FL-0104		LTO TO COOLER								
2-FL-0106		BLIND FLANGE ON POT								
2-FL-0107		POT SIGHT GLASS								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 LEVEL #1

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0121		DECANT LINE			PRESS.	Monthly	21	N		
F-2-FL-0123		FEED HEATER INLET BOTTOM			↓	↓	↓	↓		
F-2-FL-0139		TO T-140								
F-2-FL-0140		TO T-140								
F-2-FL-0141		TO T-140								
F-2-FL-0142		TO T-140								
F-2-FL-0160		COLUMN THERMO COUPLING								
F-2-FL-0161		POT THERMO COUPLING								
F-2-FL-0170		UTO TO COOLER								
F-2-FL-0171		UTO TO COOLER								
F-2-FL-0172A		ATO DEMISTER TELLER								
F-2-FL-0172B		ATO DEMISTER TELLER								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 17

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 GROUND LEVEL

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0045		UTO COOLER DRAIN			PRESS.	MONTHLY	21	O		
F-2-V-0046		DECANT VALVE								
F-2-V-0047		DECANT DRAIN								
F-2-V-0048		DECANT DRAIN								
F-2-V-0049		DECANT DRAIN PISSER								
F-2-V-0050		DECANT DRAIN PISSER								
F-2-V-0052		REFLUX DRAIN								
F-2-V-0053		REFLUX DRAIN								
F-2-V-0054		POT TO REBOILER VALVE								
F-2-V-0055		REBOILER DRAIN								
F-2-V-0056		ATO DEMISTER DRAIN								
F-2-V-0057		ATO DEMISTER DRAIN								
F-2-V-0058		POT SAMPLE PORT								
F-2-V-0059		POT SAMPLE PORT								
F-2-V-0060		UTO DRAIN								
F-2-V-0061		LTO DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: F-2 GROUND LEVEL

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0062		LTO DRAIN			PRESS.	Monthly	21	N		
F-2-V-0063		LTO DRAIN								
F-2-V-0082		INTERCHANGER DRAIN								
F-2-V-0134		INTERCHANGER BYPASS DRAIN								
F-2-V-01		F-2 KNOCKOUT TANK #3								
F-2-V-0L		F-2 KNOCKOUT TANK #2								
F-2-V-02		F-2 K.O. TANK #2 SIGHTGLASS								
F-2-V-03		F-2 KO. TANK #2 SIGHTGLASS								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: F-2 GROUND LEVEL

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0105		INTERCHANGER TOP			PRESS	Monthly	V	N		Inacc.
F-2-FL-0113		UTO COOLER BLIND FLANGE					21			
F-2-FL-0114		UTO COOLER BOTTOM					21			
F-2-FL-0115		DECANT LINE					V			Inacc.
F-2-FL-0116		DECANT LINE BY VALVE					21			
F-2-FL-0117		DECANT LINE BY VALVE					21			
F-2-FL-0118		REFLUX LINE BY VALVE					V			Inacc.
F-2-FL-0119		REFLUX LINE BY					V			Inacc.
F-2-FL-0120		REFLUX LINE					21			
F-2-FL-0122		DECANT LINE								
F-2-FL-0124		INTERCHANGER BYPASS								
F-2-FL-0125		INTERCHANGER BYPASS								
F-2-FL-0126		INTERCHANGER BYPASS								
F-2-FL-0127		INTERCHANGER BYPASS								
F-2-FL-0128		FEED PUMP TO FEED HEATER								
F-2-FL-0129		FEED PUMP TO FEED HEATER								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2- GROUND LEVEL

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-2-FL-0130		LTO COOLER TO INTERCHANGER			PRESS.	Monthly	21	N		
F-2-FL-0131		LTO COOLER TO INTERCHANGER			↓	↓	↓	↓		
F-2-FL-0132		LTO COOLER BOTTOM								
F-2-FL-0133		REBOILER TO POT-BLIND FLANGE								
F-2-FL-0134		REBOILER TO POT								
F-2-FL-0135		ATO DEMISTER TO LTO								
F-2-FL-0136		ATO COND. TO PUMP					↓			
F-2-FL-0137		ATO COND. TO PUMP					↓			Inacc.
F-2-FL-0203		LTO COOLER TOP			↓	↓	↓	↓		Inacc.
F-2-FL-0204		LTO COOLER AT WALL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2-GROUND LEVEL

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-OE-0001		DECANT DRAIN			PRESS.	MONTHLY	21	N		
F-2-OE-0002		DECANT DRAIN			↓	↓	↓	↓		
F-2-OE-0003		REBOILER DRAIN			↓	↓	↓	↓		
F-2-OE-0004		ATO DEMISTER DRAIN			↓	↓	↓	↓		
F-2-OE-0005		LTO DRAIN			↓	↓	↓	↓		
F-2-OE-0006		LTO DRAIN			↓	↓	↓	↓		
F-2-OE-01		F-2 KNOCKOUT TANK #3			↓	↓	↓	↓		
F-2-OE-01		F-2 KNOCKOUT TANK #2			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: F-2 CONTROL ROOM

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0065		ATO PUMP VENT			PRESS.	MONTHLY	21	N		
F-2-V-0066		UTO PUMP STRAINER DRAIN			↓	↓	↓	↓		
F-2-V-0067		UTO PUMP INLET DRAIN			↓	↓	↓	↓		
F-2-V-0068		SMALL UTO ROTA INLET			↓	↓	↓	↓		
F-2-V-0069		SMALL UTO ROTA DRAIN			↓	↓	↓	↓		
F-2-V-0070		SMALL UTO ROTA OUTLET			↓	↓	↓	↓		
F-2-V-0071		LARGE UTO ROTA OUTLET			↓	↓	↓	↓		
F-2-V-0072		LARGE UTO ROTA INLET			↓	↓	↓	↓		
F-2-V-0073		LARGE UTO ROTA DRAIN			↓	↓	↓	↓		
F-2-V-0074		REFLUX ROTA INLET			↓	↓	↓	↓		
F-2-V-0075		REFLUX ROTA OUTLET			↓	↓	↓	↓		
F-2-V-0076		REFLUX ROTA BYPASS			↓	↓	↓	↓		
F-2-V-0077		REFLUX ROTA DRAIN			↓	↓	↓	↓		
F-2-V-0078		FEED PUMP PRESSURE GAUGE			↓	↓	↓	↓		
F-2-V-0079		ATO SAMPLE PORT			↓	↓	↓	↓		
F-2-V-0080		ATO STRAINER DRAIN			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2- CONTROL ROOM

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0081		ATO SYSTEM DRAIN TO DRAIN HEADER			PRESS.	MONTHLY	21	N		
F-2-V-0084		ATO ROTA BYPASS			↓	↓	↓	↓		
F-2-V-0085		ATO PUMP INLET			↓	↓	↓	↓		
F-2-V-0086		ATO PUMP INLET			↓	↓	↓	↓		
F-2-V-0087		ATO PUMP OUTLET			↓	↓	↓	↓		
F-2-V-0088		ATO ROTA DRAIN			↓	↓	↓	↓		
F-2-V-0089		LARGE FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-V-0090		LARGE FEED ROTA INLET			↓	↓	↓	↓		
F-2-V-0091		SMALL FEED ROTA INLET			↓	↓	↓	↓		
F-2-V-0092		FEED SAMPLE PORT			↓	↓	↓	↓		
F-2-V-0093		SMALL FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-V-0094		SMALL FEED ROTA DRAIN			↓	↓	↓	↓		
F-2-V-0095		ATO PUMP INLET DRAIN			↓	↓	↓	↓		
F-2-V-0096		LTO PUMP INLET			↓	↓	↓	↓		
F-2-V-0097		LTO PUMP PRESSURE GAUGE			↓	↓	↓	↓		
F-2-V-0098		LTO PUMP STRAINER DRAIN			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 CONTROL ROOM

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0099		LTO PUMP INLET DRAIN			PRESS.	MONTHLY	21	N		
F-2-V-0100		LTO SAMPLE PORT			↓	↓	↓	↓		
F-2-V-0101		LARGE LTO ROTA INLET								
F-2-V-0102		LARGE LTO ROTA OUTLET								
F-2-V-0103		SMALL LTO ROTA OUTLET								
F-2-V-0104		SMALL LTO ROTA INLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 25

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 Control Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0143		UTO Pump INLET			PRESS.	MONTHLY	21	N		
F-2-FL-0144		UTO Pump INLET								
F-2-FL-0145		UTO Pump INLET								
F-2-FL-0146		UTO STRAINER								
F-2-FL-0147		UTO Pump INLET								
F-2-FL-0148		UTO Pump OUTLET								
F-2-FL-0149		UTO Pump OUTLET								
F-2-FL-0150		SMALL UTO ROTA INLET								
F-2-FL-0162		SMALL UTO ROTA INLET								
F-2-FL-0163		SMALL UTO ROTA OUTLET								
F-2-FL-0164		SMALL UTO ROTA OUTLET								
F-2-FL-0165		LARGE UTO ROTA OUTLET								
F-2-FL-0166		LARGE UTO ROTA OUTLET								
F-2-FL-0167		LARGE UTO ROTA INLET								
F-2-FL-0168		LARGE UTO ROTA INLET								
F-2-FL-0169		UTO OUTLET TO COOLER								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: F-2 Control Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0173		ATO PUMP INLET			PRESS.	MONTHLY	21	N		
F-2-FL-0174		ATO PUMP INLET			↓	↓	↓	↓		
F-2-FL-0175		ATO PUMP INLET			↓	↓	↓	↓		
F-2-FL-0176		ATO PUMP STRAINER			↓	↓	↓	↓		
F-2-FL-0177		ATO PUMP INLET			↓	↓	↓	↓		
F-2-FL-0178		ATO PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0179		ATO PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0180		ATO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0181		ATO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0182		ATO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0183		ATO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0184		ATO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0185		ATO TO NEW ROOM			↓	↓	↓	↓		
F-2-FL-0186		FEED TO FEED HEAT EX.			↓	↓	↓	↓		
F-2-FL-0187		FEED TO FEED HEAT EX.			↓	↓	↓	↓		
F-2-FL-0188		LARGE FEED ROTA OUTLET			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 27

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 CONTROL ROOM

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0189		LARGE FEED ROTA OUTLET			PRESS.	MONTHLY	21	N		
F-2-FL-0190		LARGE FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0191		LARGE FEED ROTA INLET			↓	↓	↓	↓		
F-2-FL-0192		LARGE FEED ROTA INLET			↓	↓	↓	↓		
F-2-FL-0193		LARGE FEED ROTA INLET			↓	↓	↓	↓		
F-2-FL-0194		SMALL FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0195		SMALL FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0196		SMALL FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0197		SMALL FEED ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0198		FEED PUMP BYPASS FROM N. ROOM			↓	↓	↓	↓		
F-2-FL-0199		FEED PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0200		FEED PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0201		FEED PUMP INLET			↓	↓	↓	↓		
F-2-FL-0202		FEED PUMP INLET			↓	↓	↓	↓		
F-2-FL-0205		LTO PUMP INLET			↓	↓	↓	↓		
F-2-FL-0206		LTO PUMP INLET			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 28

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 CONTROL ROOM

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0207		LTO PUMP INLET			PRESS.	MONTHLY	21	N		
F-2-FL-0208		LTO PUMP INLET			↓	↓	↓	↓		
F-2-FL-0209		LTO PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0210		LTO PUMP OUTLET			↓	↓	↓	↓		
F-2-FL-0211		LARGE LTO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0212		LARGE LTO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0213		LARGE LTO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0214		LARGE LTO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0215		LARGE LTO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0216		LARGE LTO ROTA OUTLET			↓	↓	↓	↓		
F-2-FL-0217		SMALL LTO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0218		SMALL LTO ROTA INLET			↓	↓	↓	↓		
F-2-FL-0219		LTO TO NEW ROOM			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0105			Feed pump by Pass inlet		PRESS	MONTHLY	21	N		
F-2-V-0106			Feed pump by Pass Blow out							
F-2-V-0107			LTO rec. line To feed							
F-2-V-0108			LTO control valve							
F-2-V-0109			LTO outlet check valve							
F-2-V-0110			LTO outlet							
F-2-V-0111			LTO outlet							
F-2-V-0112			LTO outlet blow out							
F-2-V-0113			LTO outlet blow out							
F-2-V-0114			ATO control valve							
F-2-V-0115			ATO outlet check valve							
F-2-V-0116			ATO outlet							
F-2-V-0117			ATO outlet							
F-2-V-0118			ATO outlet blow out							
F-2-V-0119			ATO outlet blow out							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 30

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: F-2

HW Mngmnt. Unit: New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-V-0120			Feed Pump inlet		PRESS.	MONTHLY	21	N		
F-2-V-0121			Feed Pump inlet							
F-2-V-0122			Feed Pump inlet							
F-2-V-0123			Feed Pump inlet							
F-2-V-0124			Feed Pump strainer drain							
F-2-V-0125			Feed Pump strainer drain							
F-2-V-0126			UTO outlet check valve							
F-2-V-0127			UTO outlet							
F-2-V-0128			UTO outlet							
F-2-V-0129			UTO outlet blow out							
F-2-V-0130			UTO outlet blow out							
F-2-V-0131			T-140 dec. rota bypass							
F-2-V-0132			T-140 dec. rota inlet							
F-2-V-0133			T-140 dec. rota drain							
F-a-V-01			Knock out Tank #1 drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 31

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0220			Feed pump by pass		PRESS.	Monthly	21	N		
F-2-FL-0221			Feed by pass at valve							
F-2-FL-0222			Feed by pass at valve							
F-2-FL-0223			LTO rec. line							
F-2-FL-0224			LTO rec. line at valve							
F-2-FL-0225			LTO rec. line at valve							
F-2-FL-0226			LTO line at control valve							
F-2-FL-0227			LTO control valve body							
F-2-FL-0228			LTO line at control valve							
F-2-FL-0229			LTO line at check valve							
F-2-FL-0230			LTO line at check valve							
F-2-FL-0231			LTO line							
F-2-FL-0232			LTO line							
F-2-FL-0233			LTO line at outlet valve							
F-2 FL-0234			LTO line at outlet valve							
F-2 FL-0235			LTO line at outlet valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0236			LTO line at outlet valve		PRESS.	MONTHLY	21	N		
F-2-FL-0237			ATO line at control valve							
F-2-FL-0238			ATO control valve body							
F-2-FL-0239			ATO line at control valve							
F-2-FL-0240			ATO line at check valve							
F-2-FL-0241			ATO piping							
F-2-FL-0242			ATO piping							
F-2-FL-0243			ATO line at outlet valve							
F-2-FL-0244			ATO line at outlet valve							
F-2-FL-0245			ATO line at outlet valve							
F-2-FL-0246			ATO line at outlet valve							
F-2-FL-0247			Feed pump inlet at valve							
F-2-FL-0248			Feed inlet at valve							
F-2-FL-0249			Feed inlet at valve & strainer							
F-2-FL-0250			Feed inlet at valve & strainer							
F-2-FL-0251			Feed inlet at valve & strainer							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 33

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-FL-0252			Feed inlet at valve/strainer		PRESS.	Monthly	al	N		
F-2-FL-0253			Feed inlet at valve							
F-2-FL-0254			Feed inlet at valve							
F-2-FL-0255			UTO line at check valve							
F-2-FL-0256			UTO line at check valve							
F-2-FL-0257			UTO line							
F-2-FL-0258			UTO line							
F-2-FL-0259			UTO line at valve							
F-2-FL-0260			UTO line at valve							
F-2-FL-0261			UTO line at valve							
F-2-FL-0262			UTO line at valve							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 34

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-2 New Room

Inspection Date: 6-21-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-2-OE-0007			Feed pump bypass		PRESS.	Monthly	21	N		
F-2-OE-0008			LTO outlet line							
F-2-OE-0009			LTO outlet line							
F-2-OE-0010			ATO outlet line							
F-2-OE-0011			ATO outlet line							
F-2-OE-0012			Feed pump inlet							
F-2-OE-0013			Feed pump inlet							
F-2-OE-0014			UTO pump outlet							
F-2-OE-0015			UTO pump outlet							
F-2-OE-0016			Dec. Rota. Bypass outlet							
F-2-OE-0017			Decant rota outlet							
F-2-OE-01			Knock out tank #1 outlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Tested on 6-17-91 And 6-18-91 on These Tranfer lines. Only one leak was detected. IT was Transfer line 502 page #58. Repaired 6-19-91

Sheet No. 1

Identification and Monitoring Record for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - A

Inspection Date: 6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-A-V-01		NEW ROOM - LINE DRAIN		LL		MONTHLY	V	N		
TL-A-V-02		TF#3 - LINE DRAIN		LL		MONTHLY	V	N		
TL-A-OE-01		NEW ROOM SIDE - LINE OUTLET		LL		MONTHLY	V	N		
TL-A-OE-02		TF#3 SIDE - LINE OUTLET		LL		MONTHLY	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - N-4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-N-4-V-01		TF#3 - LINE DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-N-4-OE-01		NEW ROOM SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-N-4-OE-02		TF#3 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - F

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-V-01		NEW ROOM - LINE DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-F-V-02		TF #2 - LINE DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-F-FL-01		ON LINE TO TF #2		LL	PRESS.	MONTHLY	V	N		INACC.
TL-F-FL-02		ON LINE TO TF #2		↓	↓	↓	↓	↓		↓
TL-F-FL-03		ON LINE TO TF #2		↓	↓	↓	↓	↓		↓
TL-F-FL-04		ON LINE TF #2 SIDE		↓	↓	↓	↓	↓		↓
TL-F-OE-01		NEW ROOM SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		
TL-F-OE-02		TF #2 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-ORANGE

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-ORG-V-01		NEW ROOM - LINE DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-ORG-V-02		TF#2 - LINE DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-ORG-FL-01		ON BRIDGE		LL	PRESS.	MONTHLY	V	N		INACC.
TL-ORG-FL-02		ON BRIDGE		↓	↓	↓	↓	↓		↓
TL-ORG-FL-03		ON BRIDGE		↓	↓	↓	↓	↓		↓
TL-ORG-OE-01		NEW ROOM SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		
TL-ORG-OE-02		TF#2 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE WHITE

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-W-V-01		NEW ROOM - LINE DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-W-V-02		TF#2 - LINE DRAIN		↓	↓	↓	↓	↓		
TL-W-FL-01		NEW ROOM SIDE ON LINE		LL	PRESS.	MONTHLY	V	N		Inacc
TL-W-FL-02		NEW ROOM SIDE ON LINE		↓	↓	↓	↓	↓		Inacc.
TL-W-FL-03		TF#2 SIDE ON LINE		↓	↓	↓	↓	↓		INACC.
TL-W-FL-04		TF#2 SIDE ON LINE		↓	↓	↓	↓	↓		INACC.
TL-W-OE-01		NEW ROOM SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		
TL-W-OE-02		TF#2 SIDE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-BLUE

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-BLUE-V-01		NEW ROOM-LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-BLUE-V-02		F-1 ROOM-LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-BLUE-DE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-BLUE-DE-02		F-1 ROOM - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 7

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 1

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-I-V-01		NEW ROOM - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-I-V-02		TF#1 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-I-FL-01		TF#1 - ON LINE		LL	PRESS.	MONTHLY	V	N		INACC.
TL-I-FL-02		TF#1 - ON LINE		↓	↓	↓	↓	↓		INACC.
TL-I-FL-03		TF#1 - ON LINE		↓	↓	↓	↓	↓		↓
TL-I-FL-04		TF#1 - ON PIPE BRIDGE		↓	↓	↓	↓	↓		↓
TL-I-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		
TL-I-OE-02		TF#1 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 2

Inspection Date: 6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-2-V-01		NEW ROOM - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	V	N		
TL-2-V-02		TF#1 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-2-FL-01		TF#1 - ON LINE		LL	PRESS.	MONTHLY	V	N		
TL-2-FL-02		TF#1 - ON LINE		↓	↓	↓	↓	↓		
TL-2-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	V	N		
TL-2-OE-02		TF#1 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

WU Mngmnt. Unit: TRANSFER LINE - 3

Inspection Date: 6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-3-V-01		NEW ROOM - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-3-V-02		TF#1 - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-3-FL-01		TF#1 - ON LINE		LL		MONTHLY	V	N		
TL-3-OE-01		NEW ROOM - LINE OUTLET		LL		MONTHLY	V	N		
TL-3-OE-02		TF#1 - LINE OUTLET		LL		MONTHLY	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 5

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-5-V-01		NEW ROOM - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-5-V-02		TF#1 - LINE OUTLET DRAIN		LL	↓	↓	21	N		
TL-5-FL-01		NEW ROOM - ON LINE		LL	PRESS.	MONTHLY	V	N		INACC.
TL-5-FL-02		TF#1 - ON LINE		↓	↓	↓	↓	↓		↓
TL-5-FL-03		TF#1 - ON LINE		↓	↓	↓	↓	↓		↓
TL-5-FL-04		TF#1 - ON LINE		↓	↓	↓	↓	↓		↓
TL-5-FL-05		PIPE BRIDGE - ON LINE		↓	↓	↓	↓	↓		↓
TL-5-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-5-OE-02		TF#1 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-6

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-6-V-01		NEW Room - LINE OUTLET drain		LL		MONTHLY	V	N		
TL-6-V-02		TF#1 - LINE OUTLET drain		↓		↓	↓	↓		
TL-6-FL-01		NEW Room - ON LINE		LL		MONTHLY	V	N		INACC.
TL-6-FL-02		TF#1 - ON LINE		↓		↓	↓	↓		↓
TL-6-DE-01		NEW Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-6-DE-02		NEW Room - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 7

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-7-V-01		NEW ROOM - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-7-V-02		TF#1 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-7-FL-01		NEW ROOM - ON LINE		LL	PRESS.	MONTHLY	21	N		
TL-7-FL-02		NEW ROOM - ON LINE		↓	↓	↓	↓	↓		
TL-7-FL-03		NEW ROOM - ON LINE		↓	↓	↓	↓	↓		
TL-7-FL-04		NEW ROOM - ON LINE		↓	↓	↓	↓	↓		
TL-7-FL-05		TF#1 - ON LINE		↓	↓	↓	↓	↓		
TL-7-FL-06		TF#1 - ON LINE		↓	↓	↓	↓	↓		
TL-7-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-7-OE-02		TF#1 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 13

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: TRANSFER LINE-8

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-8-V-01		NEW ROOM LINE OUTLET DRAIN		LL	PRESS	MONTHLY	21	N		
TL-8-V-02		F-1 ROOM LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-8-FL-01		NEW ROOM ON LINE		LL	PRESS	MONTHLY	V	N		INACC.
TL-8-FL-02		NEW ROOM ON LINE		↓	↓	↓	↓	↓		INACC.
TL-8-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-8-OE-02		F-1 ROOM - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 12

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-12-V-01		NEW ROOM - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-12-V-02		NEW ROOM - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-12-FL-01		NEW ROOM	ON LINE	LL	PRESS.	MONTHLY	✓	N		INACC
TL-12-FL-02		NEW ROOM	ON LINE	↓	↓	↓	↓	↓		↓
TL-12-FL-03		NEW. ROOM	ON LINE	↓	↓	↓	↓	↓		↓
TL-12-FL-04		NEW ROOM	ON LINE	↓	↓	↓	↓	↓		↓
TL-12-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-12-OE-02		NEW ROOM - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 15

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-2-FEED LINE

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-2-V-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-V-02		NEW ROOM - LINE OUTLET DRAIN								
TL-F-2-V-03		TF#5 - STRAINER DRAIN								
TL-F-2-V-04		TF#5 - STRAINER INLET LINE								
TL-F-2-V-05		TF#5 - STRAINER OUTLET TO PUMP								
TL-F-2-V-06		TF#5 - PUMP INLET LINE								
TL-F-2-V-07		TF#5 - STRAINER DRAIN								
TL-F-2-V-08		TF#5 - STRAINER INLET LINE								
TL-F-2-V-09		TF#5 - STRAINER OUTLET TO PUMP								
TL-F-2-V-10		TF#5 - PUMP OUTLET PSI GAUGE								
TL-F-2-V-11		TF#5 - AUX. PUMP OUTLET LINE								
TL-F-2-V-12		TF#5 - AUX. PUMP OUTLET BLOW OUT								
TL-F-2-V-13		TF#5 - PUMP OUTLET LINE TO NEW ROOM								
TL-F-2-V-14		TF#5 PUMP DRAIN								
TL-F-2-V-15		TF#5 - PUMP OUTLET CHECK VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - F-2 FEED LINE

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-2-FL-01		TF#5 - STRAINER INLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-FL-02		TF#5 - STRAINER OUTLET								
TL-F-2-FL-03		TF#5 - STRAINER INLET								
TL-F-2-FL-04		TF#5 - STRAINER OUTLET								
TL-F-2-FL-05		TF#5 - PUMP OUTLET AT PUMP								
TL-F-2-FL-06		TF#5 - PUMP INLET AT PUMP								
TL-F-2-FL-07		TF#5 - PUMP OUTLET LINE AT FLEX.								
TL-F-2-FL-08		TF#5 - PUMP OUTLET LINE AT FLEX.								
TL-F-2-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-OE-02		TF#5 - PUMP INLET LINE								
TL-F-2-OE-03		TF#5 - PUMP AUX. OUTLET LINE								

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 17

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-2-#1

Inspection Date: 6-17-91 / 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-F-2-#1-V-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
L-F-2-#1-V-02		NEW ROOM - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#1-V-03		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-F2-#1-V-04		TF#5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#1-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS	MONTHLY	21	N		
TL-F-2-#1-OE-02		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-2 #2

Inspection Date: 6-17-91/6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-2-#2-V-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-#2-V-02		NEW ROOM - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#2-V-03		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-F2-#2-V-04		TF#5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#2-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-#2-OE-02		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-2-#3

Inspection Date: 6-17-91/6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-2-#3-V-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-#3-V-02		NEW ROOM - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#3-V-03		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-F-2-#3-V-04		TF#5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-F-2-#3-OE-01		NEW ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-2-#3-OE-02		TF#5 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Hzd Mngmnt. Unit: TRANSFER LINE - B

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-B-V-01		F-1 Room - LINE DRAIN		LL		MONTHLY	V	N		
TL-B-V-02		TF#3 - LINE DRAIN		↓		↓	↓	↓		
TL-B-FL-01		TF#3 - ON LINE		LL		MONTHLY	V	N		↑
TL-B-FL-02		ON BRIDGE - ON LINE		↓		↓	↓	↓		INACC.
TL-B-FL-03		ON BRIDGE - ON LINE		↓		↓	↓	↓		↓
TL-B-OE-01		F-1 Room SIDE - LINE OUTLET		LL		MONTHLY	V	N		
TL-B-OE-02		TF#3 SIDE - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] = Closed Vent System
- SS-00[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-C

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-C-V-01		F-1 Room	- LINE DRAIN	LL		MONTHLY	V	N		
TL-C-V-02		TF#3	- LINE DRAIN	↓		↓	↓	↓		
TL-C-FL-01		TF#3 ON LINE TO F-1 ROOM		LL		MONTHLY	V	N		INACC.
TL-C-FL-02		ON LINE								INACC.
TL-C-FL-03		ON LINE								
TL-C-FL-04		ON LINE								
TL-C-FL-05		ON LINE		↓		↓	↓	↓		↓
TL-C-OE-01		F-1 Room Side	- LINE OUTLET	LL		MONTHLY	V	N		
TL-C-OE-02		TF#3 Side	- LINE OUTLET	↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - G

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-G-V-01		F-1 Room	- LINE DRAIN	LL		MONTHLY	V	N		
TL-G-V-02		TF #3	- LINE DRAIN	↓		↓	↓	↓		
TL-G-FL-01		F-1 Room	INSIDE WALL	LL		MONTHLY	V	N		
TL-G-FL-02		F-1 Room	OUTSIDE WALL	↓		↓	↓	↓		
TL-G-FL-03		TF #3	SIDE	↓		↓	↓	↓		
TL-G-FL-04		TF # 3	SIDE	↓		↓	↓	↓		
TF-G-FL-05		TF # 3	SIDE	↓		↓	↓	↓		
TL-G-OE-01		F-1 Room Side	- LINE OUTLET	LL		MONTHLY	V	N		
TL-G-OE-02		TF #3 Side	- LINE OUTLET	↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] = Closed Vent System
- SS-00[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-E

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-E-V-01		NEW ROOM - LINE DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-E-V-02		TF#2 - LINE DRAIN								
TL-E-V-03		TF#2 - LINE DRAIN								
TL-E-FL-01		NEW ROOM SIDE - ON LINE		LL	PRESS.	MONTHLY	21	N		
TL-E-FL-02		NEW ROOM SIDE - ON LINE					✓			INACC.
TL-E-FL-03		ON BRIDGE					✓			
TL-E-FL-04		ON BRIDGE					✓			
TL-E-FL-05		ON BRIDGE					✓			
TL-E-FL-06		TF#2 ON LINE					21			
TL-E-FL-07		TF#2 ON LINE					21			
TL-E-OE-01		NEW ROOM SIDE - LINE OUTLET		LL	PRESS	MONTHLY	21	N		
TL-E-OE-02		TF#2 SIDE - LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - D

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-D-V-01		F-1 Room	- LINE DRAIN	LL	PRESS.	MONTHLY	21	N		
TL-D-V-02		TF#2	- LINE DRAIN	↓	↓	↓	↓	↓		
TL-D-FL-01		ON LINE		LL	PRESS	MONTHLY	21	N		
TL-D-FL-02		ON LINE					✓			INACC.
TL-D-FL-03		ON LINE					✓			
TL-D-FL-04		ON LINE					✓			
TL-D-FL-05		ON LINE					✓			
TL-D-FL-06		ON LINE					21			
TL-D-FL-07		ON LINE		↓	↓	↓	21	↓		
TL-D-OE-01		F-1 Room Side	- LINE OUTLET	LL	PRESS.	MONTHLY	21	N		
TL-D-OE-02		TF#2 SIDE	- LINE OUTLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-9

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-9-V-01		F-1 Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-9-V-02		F-1 Room - LINE OUTLET drain		↓		↓	↓	↓		
TL-9-V-03		TF#1 - LINE OUTLET drain		↓		↓	↓	↓		
TL-9-FL-01		TF#1 - ON LINE		LL		MONTHLY	V	N		↑ INACC.
TL-9-FL-02		TF#1 - ON LINE		↓		↓	↓	↓		↓
TL-9-FL-03		TF#1 - ON LINE		↓		↓	↓	↓		↓
TL-9-FL-04		TF#1 - PIPE BRIDGE		↓		↓	↓	↓		↓
TL-9-OE-01		F-1 Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-9-OE-02		TF#1 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 11

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-11-V-01		F-1 Room - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-11-V-02		TF#1 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-11-FL-01		TF#1 ON LINE		LL		MONTHLY	V	N		
TL-11-FL-02		TF#1 ON LINE		↓		↓	↓	↓		INACC.
TL-11-OE-01		F-1 Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-11-OE-02		TF#1 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] = Closed Vent System
- SS-00[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 27

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 10

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-10-V-01		F-1 Room	LINE OUTLET	LL		MONTHLY	V	N		
TL-10-V-02		F-1 Room	LINE OUTLET drain							
TL-10-V-03		FREON dike	LINE OUTLET							
TL-10-V-04		FREON dike	LINE OUTLET drain							
TL-10-FL-01		F-1 Room	ON LINE							
TL-10-FL-02			ON LINE							
TL-10-FL-03			ON LINE							
TL-10-FL-04			ON LINE							
TL-10-FL-05			ON LINE							INACC.
TL-10-FL-06			ON LINE							
TL-10-FL-07			ON LINE							
TL-10-FL-08			ON LINE							
TL-10-FL-09			ON LINE							
TL-10-FL-10			ON LINE							
TL-10-FL-11			ON LINE							
TL-10-OE-01		F-1 Room	LINE OUTLET							
TL-10-OE-02		FREON DIKE	LINE OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - F-1 #1

Inspection Date: 6-17-91 / 6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-1-#1-V-01		F-1 Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#1-V-02		F-1 Room - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#1-V-03		TF#5 - LINE OUTLET		↓		↓	↓	↓		
TL-F-1-#1-V-04		TF#5 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#1-OE-01		F-1 Room - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#1-OE-02		TF#5 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00 = Closed Vent System
- SS-00 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-1 #2

Inspection Date: 6-17-91/6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-1-#2-V-01		F-1 ROOM - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#2-V-02		F-1 ROOM - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#2-V-03		TF#5 - LINE OUTLET		↓		↓	↓	↓		
TL-F-1-#2-V-04		TF#5 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#2-OE-01		F-1 ROOM - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#2-OE-02		TF#5 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: TRANSFER LINE-F-1-#3

Inspection Date: 6-17-91/6-18-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-1-#3-V-01		F-1 ROOM - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#3-V-03		F-1 ROOM - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#3-V-04		TF#5 - LINE OUTLET		↓		↓	↓	↓		
TL-F-1-#3-V-05		TF#5 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-1-#3-OE-01		F-1 ROOM - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-1-#3-OE-02		TF#5 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000[illegible] = Closed Vent System
- SS-00[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - F-1 FEED LINE

Inspection Date: 6-17-91/6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-1-FL-V-01		F-1 ROOM - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-1-FL-V-02		F-1 ROOM - LINE OUTLET DRAIN								
TL-F-1-FL-V-03		TF#5 - AUX. PUMP OUTLET BLOWOUT								
TL-F-1-FL-V-04		TF#5 - AUX. PUMP OUTLET LINE								
TL-F-1-FL-V-05		TF#5 - PUMP OUTLET LINE TO/NEW ROOM								
TL-F-1-FL-V-06		TF#5 - PUMP OUTLET PSI GAUGE								
TL-F-1-FL-V-07		TF#5 - PUMP DRAIN								
TL-F-1-FL-V-08		TF#5 - STRAINER DRAIN								
TL-F-1-FL-V-09		TF#5 - STRAINER DRAIN								
TL-F-1-FL-V-10		TF#5 - STRAINER INLET								
TL-F-1-FL-V-11		TF#5 - STRAINER OUTLET								
TL-F-1-FL-V-12		TF#5 - STRAINER INLET								
TL-F-1-FL-V-13		TF#5 - STRAINER OUTLET								
TL-F-1-FL-V-14		TF#5 - PUMP INLET LINE								
TL-F-1-FL-V-15		TF#5 - PUMP OUTLET CHECK VALVE								
TL-F-1-FL-V-16		TF#5 - AUX. PUMP OUTLET DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-F-1 FEED LINE

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-1-FL-FL-01		TF#5-PUMP OUTLET AT FLEX.		LL	PRESS.	MONTHLY	21	N		
TL-F-1-FL-FL-02		TF#5-PUMP OUTLET AT FLEX.		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-03		TF#5-PUMP OUTLET AT PUMP		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-04		TF#5-PUMP INLET AT PUMP		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-05		TF#5-STRAINER OUTLET		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-06		TF#5-STRAINER INLET		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-07		TF#5-STRAINER OUTLET		↓	↓	↓	↓	↓		
TL-F-1-FL-FL-08		TF#5-STRAINER INLET		↓	↓	↓	↓	↓		
TL-F-1-FL-OE-01		F-1 ROOM-LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-F-1-FL-OE-02		TF#5-PUMP AUX. OUTLET LINE		↓	↓	↓	↓	↓		
TL-F-1-FL-OE-03		TF#5-PUMP INLET LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-14

Inspection Date: 6-18-91

OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-14-V-01		F-1 ROOM - LINE OUTLET								
TL-14-V-02		F-1 ROOM - LINE OUTLET DRAIN								
TL-14-V-03		GARAGE - LINE OUTLET								
TL-14-FL-01		GARAGE ON LINE								
TL-14-OE-01		F-1 ROOM LINE OUTLET								
TL-14-OE-02		GARAGE LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-13

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-13-V-01		F-1 ROOM LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-13-V-02		F-1 ROOM LINE OUTLET DRAIN								
TL-13-V-03		TF#1 EXT. LINE OUTLET								
TL-13-V-04		TF#1 EXT. LINE OUTLET DRAIN								
TL-13-FL-01		TANK ROOM ON LINE								INACC.
TL-13-FL-02		TANK ROOM ON LINE								
TL-13-FL-03		TANK ROOM ON LINE								
TL-13-FL-04		TANK ROOM ON LINE								
TL-13-FL-05		TANK ROOM ON LINE								
TL-13-FL-06		TF#1 PIPE BRIDGE - ON LINE								
TL-13-FL-07		TF#1 EXT. - ON LINE								
TL-13-FL-08		TF#1 EXT. - ON LINE								
TL-13-FL-09		TF#1 EXT. - ON LINE AT VALVE					21			
TL-13-FL-10		TF#1 EXT. - ON LINE AT VALVE								
TL-13-OE-01		F-1 ROOM LINE OUTLET								
TL-13-OE-02		TF#1 EXT. LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 35

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE 204

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-204-V-01		TF#4 - LINE OUTLET		LL		MONTHLY	✓	N		
TL-204-V-02		TF#4 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-204-V-03		TF#1 - LINE OUTLET		↓		↓	↓	↓		
TL-204-V-04		TF#1 - LINE OUTLET DRAIN		✓		✓	✓	✓		
TL-204-FL-01		TF#4 SIDE		LL		MONTHLY	✓	N		INACC.
TL-204-FL-02		TF#4 SIDE		↓		↓	↓	↓		INACC.
TL-204-FL-03		TF#1 SIDE		↓		↓	↓	↓		
TL-204-FL-04		TF#1 SIDE		✓		✓	✓	✓		
TL-204-DE-01		TF#4 SIDE	LINE OUTLET	LL		MONTHLY	✓	N		
TL-204-DE-02		TF#4 SIDE	LINE OUTLET	✓		✓	✓	✓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE 301

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-301-V-01		TF#4 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-301-V-02		TF#4 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-301-V-03		TF#1 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-301-V-04		TF#1 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-301-FL-01		TF#4 SIDE ON LINE		LL	PRESS.	MONTHLY	↓	N		INACC.
TL-301-FL-02		TF#4 SIDE ON LINE		↓	↓	↓	↓	↓		↓
TL-301-FL-03		TF#4 SIDE ON LINE		↓	↓	↓	↓	↓		
TL-301-OE-01		TF#4 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-301-OE-02		TF#1 SIDE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE 206

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-206-V-01		TF#4- LINE OUTLET		LL		MONTHLY	V	N		
TL-206-V-02		TF#4- LINE OUTLET DRAIN								
TL-206-V-03		TF#1 - LINE OUTLET								
TL-206-V-04		TF#1 - LINE OUTLET DRAIN								
TL-206-FL-01		TF#4 SIDE		LL		MONTHLY	V	N		INACC.
TL-206-FL-02		TF#4 SIDE								
TL-206-FL-03		TF#4 SIDE								
TL-206-FL-04		TF#1 SIDE								
TL-206-FL-05		TF#1 SIDE								
TL-206-OE-01		TF#4 SIDE LINE OUTLET		LL		MONTHLY	V	N		
TL-206-OE-02		TF#1 SIDE LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 38

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.L. - Jump Line "BB"

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-BB-V-01		TF#1 OUTDIKE	LINE OUTLET DRAIN	LL		MONTHLY	V	N		
TL-BB-V-02		TF#1 INDIKE	LINE OUTLET DRAIN	↓		↓	↓	↓		
TL-BB-FL-01		TF#1 NORTH	- ON LINE	LL		MONTHLY	V	N		INACC.
TL-BB-FL-02		TF#1 NORTH	- ON LINE							
TL-BB-FL-03		TF#1 NORTH	- ON LINE							
TL-BB-FL-04		TF#1 NORTH	- ON LINE							
TL-BB-FL-05		TF#1 NORTH	- ON LINE	↓		↓	↓	↓		
TL-BB-OE-01		TF#1 OUTDIKE	- LINE OUTLET	LL		MONTHLY	V	N		
TL-BB-OE-02		TF#1 INDIKE	- LINE OUTLET	↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 000' Closed Vent System
- SS 000, - Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 39

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.L. - T-104 LOAD LINE

Inspection Date: 6-17-91 OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-T-104-V-01		TF#1 - LINE OUTLET								
TL-T-104-V-02		TF#2 - LINE OUTLET drain								
TL-T-104-FL-01		TF#1 ON LINE								
TL-T-104-FL-02		TF#1 ON LINE								
TL-T-104-FL-03		TF#1 ON LINE								
TL-T-104-OE-01		TF#1 - LINE INLET TO T-104								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 40

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: TRANSFER LINE 205

Inspection Date: 6-17-91 OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-205-V-01		TF#1 - LINE OUTLET								
TL-205-V-02		TF#1 - LINE OUTLET DRAIN								
TL-205-FL-01		TF#1 - ON LINE TO TF#4								
TL-205-OE-01		TF#1 - LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 41

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: T.L. - Jump Line "AA"

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-AA-V-01		TF#1 OUTDIKE	- LINE OUTLET drain	LL	PRESS.	MONTHLY	21	N		
TL-AA-V-02		TF#2 INDIKE	- LINE OUTLET drain	↓	↓	↓	↓	↓		
TL-AA-FL-01		TF#1 NORTH	- ON LINE	LL	PRESS.	MONTHLY	V	N		INACC.
TL-AA-FL-02		TF#1 NORTH	- ON LINE	↓	↓	↓	↓	↓		↓
TL-AA-FL-03		TF#1 NORTH	- ON LINE	↓	↓	↓	↓	↓		↓
TL-AA-FL-04		TF#1 NORTH	- ON LINE	↓	↓	↓	↓	↓		↓
TL-AA-FL-05		TF#1 NORTH	- ON LINE	↓	↓	↓	↓	↓		↓
TL-AA-OE-01		TF#1 OUTDIKE	- LINE OUTLET	LL	PRESS.	MONTHLY	21	N		
TL-AA-OE-02		TF#2 INDIKE	- LINE OUTLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 42

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 103

Inspection Date: 6-17-91 / 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-103-V-01		TF #5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-103-V-02		TF #5 - LINE OUTLET drain		↓	↓	↓	↓	↓		
TL-103-V-03		TF #1 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-103-V-04		TF #1 - LINE OUTLET drain		↓	↓	↓	↓	↓		
TL-103-OE-01		TF #5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-103-OE-02		TF #1 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 43

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE 203

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-203-V-01		TF#2 - LINE DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-203-V-02		TF#4 - LINE DRAIN		↓	↓	↓	↓	↓		
TL-203-FL-01		TF#4 SIDE ON LINE		LL	PRESS.	MONTHLY	V	N		INACC.
TL-203-FL-02		TF#4 SIDE ON LINE		↓	↓	↓	↓	↓		↓
TL-203-OE-01		TF#2 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-203-OE-02		TF#2 SIDE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 44

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 302

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-302-V-01		TF#3 - LINE DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-302-V-02		TF#4 - LINE DRAIN								
TL-302-V-03		TF#4 - LINE OUTLET								
TL-302-V-04		TF#4 - LINE OUTLET								
TL-302-V-05		TF#4 - LINE OUTLET								
TL-302-V-06		TF#4 - LINE OUTLET								
TL-302-FL-01		TF#4 SIDE - ON LINE		LL	PRESS.	MONTHLY	21	N		
TL-302-FL-02		TF#4 SIDE - ON LINE					V			INACC.
TL-302-OE-01		TF#3 SIDE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-302-OE-02		TF#4 SIDE - LINE OUTLET					V			
TL-302-OE-03		TF#4 SIDE - LINE OUTLET					V			
TL-302-OE-04		TF#4 SIDE - LINE OUTLET					21			
TL-302-OE-05		TF#4 SIDE - LINE OUTLET					V			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 45

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 104

Inspection Date: 6-17-91/6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-104-V-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-104-V-02		TF#5 - LINE OUTLET drain		↓	↓	↓	↓	↓		
TL-104-V-03		TF#4 - LINE OUTLET drain		↓	↓	↓	↓	↓		
TL-104-OE-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-104-OE-02		TF#4 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4b

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-501

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-501-V-01		TF#5 S.W. LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-501-V-02		TF#5 S.W. LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-501-V-03		TF#5 STAGING PAD. LINE OUTLET		↓	↓	↓	↓	↓		
TL-501-V-04		TF#5 STAGING PAD-LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-501-OE-01		TF#5 S.W. LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-501-OE-02		TF#5 STAGING PAD-LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 47

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 207

Inspection Date: 6-17-91

NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-207-V-01		TF#4 - LINE OUTLET		LL		MONTHLY	✓	N		
TL-207-V-02		TF#4 - LINE OUTLET DRAIN								
TL-207-V-03		TF#1 EXT. - LINE OUTLET								
TL-207-V-04		TF#1 EXT. LINE OUTLET DRAIN								
TL-207-FL-01		TF#4 SIDE	ON LINE	LL		MONTHLY	✓	N		INACC.
TL-207-FL-02		TF#4 SIDE	ON LINE							
TL-207-FL-03		TF#4 SIDE	ON LINE							
TL-207-FL-04		TF#1 EXT.	ON LINE							
TL-207-FL-05		TF#1 EXT.	ON LINE							
TL-207-FL-06		TF#1 EXT.	ON LINE							
TL-207-FL-07		TF#1 EXT.	AT VALVE							
TL-207-FL-08		TF#1 EXT.	AT VALVE							
TL-207-OE-01		TF#4 - LINE OUTLET		LL		MONTHLY	✓	N		
TL-207-OE-02		TF#1 EXT. - LINE OUTLET								

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 48

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: TRANSFER LINE - 108

Inspection Date: 6-17-91 / 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-108-V-01		TANKER TUNNEL - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-108-V-02		TANKER TUNNEL - LINE OUTLET DRAIN		↓	↓	↓	21	↓		
TL-108-V-03		TF#4 - LINE OUTLET		↓	↓	↓	21	↓		
TL-108-V-04		TF#4 - LINE OUTLET DRAIN		↓	↓	↓	21	↓		
TL-108-FL-01			ON LINE	LL	PRESS.	MONTHLY	↓	N		INACC.
TL-108-FL-02			ON LINE	↓	↓	↓	↓	↓		↓
TL-108-FL-03			ON LINE	↓	↓	↓	↓	↓		↓
TL-108-FL-04			ON LINE	↓	↓	↓	↓	↓		↓
TL-108-OE-01		TANKER TUNNEL - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-108-OE-02		TF#4 - LINE OUTLET		↓	↓	↓	21	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-000 Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 49

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TL-LUWA 4TO TO TF#4

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-L-4TO-V-01		INSIDE DMAC BLDG.	LINE OUTLET DRAIN	LL	PRESS.	MONTHLY	21	N		
TL-L-4TO-V-02		TF#4	LINE OUTLET DRAIN	↓	↓	↓	↓	↓		
TL-L-4TO-OE-01		INSIDE DMAC BLDG.	LINE OUTLET	LL	PRESS.	MONTHLY	21	N		
TL-L-4TO-OE-02		TF#4	LINE OUTLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 50

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TL-LUWA LTO TO TF#4

Inspection Date: 6-17-91 OUT OF SERVICE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-L-LTO-V-01		INSIDE DMAC BLDG.	LINE DRAIN OUTLET							
L-L-LTO-V-02		INSIDE DMAC BLDG.	LINE OUTLET							
L-L-LTO-V-03		TF#4 -	LINE OUTLET							
L-L-LTO-V-04		TF#4 -	LINE OUTLET DRAIN							
L-L-LTO-V-05		TF#4 -	LINE OUTLET							
L-L-LTO-V-06		TF#4 -	LINE OUTLET DRAIN							
L-L-LTO-FL-01		INSIDE DMAC BLDG.	ON LINE							
L-L-LTO-FL-02		TF#4 -	ON LINE							
L-L-LTO-OE-01		INSIDE DMAC BLDG.	LINE OUTLET							
L-L-LTO-OE-02		TF#4 -	LINE OUTLET							
L-L-LTO-OE-03		TF#4	LINE OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000. = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 51

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - "T"

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No. Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-T-V-01		DMAC BLDG. BY E-2 - LINE OUTLET DRAIN	LL		MONTHLY	V	N		
TL-T-V-02		DMAC BLDG. BY E-2 - LINE Outlet							
TL-T-V-03		TF#4 - LINE OUTLET							
TL-T-V-04		TF#4 - LINE OUTLET DRAIN							
TL-T-FL-01		DMAC BLDG. - ON LINE	LL		MONTHLY	V	N		
TL-T-FL-02		DMAC BLDG. - ON LINE							
TL-T-FL-03		DMAC BLDG - ON LINE							
TL-T-FL-04		TF#4 - ON LINE							
TL-T-FL-05		TF#4 - ON LINE							
TL-T-FL-06		TF#4 - ON LINE							
TL-T-FL-07		TF#4 - ON LINE							
TL-T-FL-08		TF#4 - ON LINE							
TL-T-OE-01		DMAC BLDG. BY E-2 - LINE Outlet	LL		MONTHLY	V	N		
TL-T-OE-02		TF#4 - LINE OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 52

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - JUMP #1

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-J#1-V-01		INSIDE DMAC BLDG. - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-J#1-V-02		TF#4 WEST - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-J#1-OE-01		INSIDE DMAC BLDG. - LINE OUTLET		LL		MONTHLY	V	N		
TL-J#1-OE-02		TF#4 WEST - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 53

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - JUMP #2

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-J#2-V-01		INSIDE DMAC BLDG. - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-J#2-V-02		TF#4 WEST - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-J#2-OE-01		INSIDE DMAC BLDG. - LINE OUTLET		LL		MONTHLY	V	N		
TL-J#2-OE-02		TF#4 WEST - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OF-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 54

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - JUMP #3

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-J#3-V-01		INSIDE DMAC BLDG. - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-J#3-V-02		TF#4 EAST - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-J#3-OE-01		INSIDE DMAC BLDG. - LINE OUTLET		LL		MONTHLY	V	N		
TL-J#3-OE-02		TF#4 EAST - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-0001 - Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 55

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-JUMP #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-J#4-V-01		INSIDE DMAC BLDG. - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-J#4-V-02		TF#4 EAST - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-J#4-FL-01		INSIDE DMAC BLDG. ON LINE		LL	PRESS.	MONTHLY	21	N		
TL-J#4-FL-02		INSIDE DMAC BLDG. ON LINE		↓	↓	↓	↓	↓		
TL-J#4-OE-01		INSIDE DMAC BLDG. - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-J#4-OE-02		TF#4 EAST - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 56

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - Jump #5

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-J#5-V-01		INSIDE DMAC BLDG. - LINE OUTLET DRAIN				MONTHLY	V	N		
TL-J#5-V-02		TF#4 EAST - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-J#5-FL-01		INSIDE DMAC BLDG. ON LINE		LL		MONTHLY	V	N		
TL-J#5-FL-02		INSIDE DMAC BLDG. ON LINE		↓		↓	↓	↓		
TL-J#5-OE-01		INSIDE DMAC BLDG. LINE OUTLET		LL		MONTHLY	V	N		
TL-J#5-OE-02		TF#4 EAST - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 57

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - TF#4 INTERDIKE

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
L-TF#4-ID-V-01		TF#4 WEST - LINE OUTLET DRAIN		LL		MONTHLY	V	N		
L-TF#4-ID-V-02		TF#4 WEST - LINE OUTLET		↓		↓	↓	↓		
L-TF#4-ID-V-03		TF#4 EAST - LINE OUTLET		↓		↓	↓	↓		
L-TF#4-ID-V-04		TF#4 EAST - LINE OUTLET DRAIN		↓		↓	↓	↓		
FL-TF#4-ID-FL-01		TF#4 - ON LINE		LL		MONTHLY	V	N		
FL-TF#4-ID-FL-02		TF#4 - ON LINE		↓		↓	↓	↓		
L-TF#4-ID-OE-01		TF#4 WEST - LINE OUTLET		LL		MONTHLY	V	N		
L-TF#4-ID-OE-02		TF#4 EAST - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 58

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-502

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-502-V-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	YES VISUAL		REPAIRED 6-19-91
TL-502-V-02		TF#5 INDIKE - LINE OUTLET DRAIN		↓	↓	↓	↓	N ↓		
TL-502-V-03		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		
TL-502-V-04		TF#5 INDIKE LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-502-OE-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-502-OE-02		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 59

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-504

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-504-V-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-504-V-02		TF#5 INDIKE - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-504-V-03		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		
TL-504-V-04		TF#5 INDIKE - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-504-OE-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-504-OE-02		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 60

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-505

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-505-V-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-505-V-02		TF#5 INDIKE - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-505-V-03		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		
TL-505-V-04		TF#5 INDIKE - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-505-OE-01		TF#5 INDIKE - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-505-OE-02		TF#5 INDIKE - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000* = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 61

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 102

Inspection Date: 6-18-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-102-V-01		TF #5 - LINE OUTLET		LL		MONTHLY	V	N		
TL-102-V-02		TF #5 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-102-V-03		TANKER TUNNEL - LINE OUTLET		↓		↓	↓	↓		
TL-102-V-04		TANKER TUNNEL - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-102-OE-01		TF #5 - LINE OUTLET		LL		MONTHLY	V	N		
TL-102-OE-02		TANKER TUNNEL - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 62

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 506

Inspection Date: 6-18-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-506-V-01		TF#5 INDIKE - LINE OUTLET		LL		MONTHLY	V	N		
TL-506-V-02		TF#5 INDIKE-LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-506-V-03		TF#5 INDIKE - LINE OUTLET		↓		↓	↓	↓		
TL-506-V-04		TF#5 INDIKE-LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-506-OE-01		TF#5 INDIKE LINE OUTLET		LL		MONTHLY	V	N		
TL-506-OE-02		TF#5 INDIKE LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000* = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 63

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - FREON F.P.

Inspection Date: 6-18-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-F-F.P.-V-01		TF#5 - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-F.P.-V-02		TF#5 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-F.P.-V-03		FREON DIKE - LINE OUTLET		↓		↓	↓	↓		
TL-F-F.P.-V-04		FREON DIKE - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-F-F.P.-FL-01		FREON DIKE - ON LINE		LL		MONTHLY	V	N		
TL-F-F.P.-OE-01		TF#5 - LINE OUTLET		LL		MONTHLY	V	N		
TL-F-F.P.-OE-02		FREON DIKE - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 64

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-101

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-101-V-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-101-V-02		TF#5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-101-V-03		TANKER TUNNEL - LINE OUTLET		↓	↓	↓	↓	↓		
TL-101-V-04		TANKER TUNNEL - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-101-OE-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-101-OE-02		TANKER TUNNEL - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000' Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 65

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 503

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-503-V-01		TF#5 INDIKE	LINE OUTLET	LL	PRESS.	MONTHLY	21	N		
TL-503-V-02		TF#5 INDIKE	- LINE OUTLET DRAIN	↓	↓	↓	↓	↓		
TL-503-V-03		TF#5 INDIKE	- LINE OUTLET	↓	↓	↓	↓	↓		
TL-503-V-04		TF#5 INDIKE	- LINE OUTLET DRAIN	↓	↓	↓	↓	↓		
TL-503-OE-01		TF#5 INDIKE	LINE OUTLET	LL	PRESS.	MONTHLY	21	N		
TL-503-OE-02		TF#5 INDIKE	LINE OUTLET	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 66

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-105

Inspection Date: 6-18-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-105-V-01		TF#5 - LINE OUTLET		LL		MONTHLY	V	N		
TL-105-V-02		TF#5 - LINE OUTLET DRAIN								
TL-105-V-03		TF#4 - LINE OUTLET								
TL-105-V-04		TF#4 - LINE OUTLET DRAIN								
TL-105-FL-01			ON LINE	LL		MONTHLY	V	N		
TL-105-FL-02			ON LINE							
TL-105-FL-03			ON LINE							
TL-105-FL-04			ON LINE							
TL-105-FL-05			ON LINE							
TL-105-OE-01		TF#5	LINE OUTLET	LL		MONTHLY	V	N		
TL-105-OE-02		TF#4	LINE OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 67

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - 106

Inspection Date: 6-17-91/6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-106-V-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-106-V-02		TF#5 - LINE OUTLET DRAIN								
TL-106-V-03		TF#4 - LINE OUTLET								
TL-106-V-04		TF#4 - LINE OUTLET DRAIN								
TL-106-FL-01			ON LINE	LL	PRESS.	MONTHLY	✓	N		INACC.
TL-106-FL-02			ON LINE							
TL-106-FL-03			ON LINE							
TL-106-FL-04			ON LINE							
TL-106-OE-01		TF#5 - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-106-OE-02		TF#4 - LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 68

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-107

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-107-V-01		TF#5-LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-107-V-02		TF#5-LINE OUTLET DRAIN								
TL-107-V-03		TF#4-LINE OUTLET								
TL-107-V-04		TF#4-LINE OUTLET DRAIN								
TL-107-FL-01			ON LINE	LL	PRESS.	MONTHLY	V	N		INACC.
TL-107-FL-02			ON LINE							
TL-107-FL-03			ON LINE							
TL-107-FL-04			ON LINE							
TL-107-OE-01		TF#5-LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-107-OE-02		TF#4-LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 69

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - DRYER FEED

Inspection Date: 6-4-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-DF-V-01		TF#5-PUMP OUTLET LINE TO DRYER		LL	PRESS.	MONTHLY	21	N		
TL-DF-V-02		TF#5-AUX. PUMP OUTLET								
TL-DF-V-03		TF#5-PUMP OUTLET PSI GAUGE								
TL-DF-V-04		TF#5-PUMP OUTLET CHECK VALVE								
TL-DF-V-05		TF#5- STRAINER DRAIN								
TL-DF-V-06		TF#5-PUMP INLET LINE								
TL-DF-V-07		TF#5-PUMP INLET LINE DRAIN								
TL-DF-V-10		TF#5-AUX. PUMP OUTLET LINE DRAIN								
TL-DF-V-11		TF#5-AUX. PUMP OUTLET BLOWOUT								
TL-DF-V-08		BY DRYER - LINE OUTLET DRAIN								
TL-DF-V-09		BY DRYER - LINE OUTLET								
TL-DF-FL-01		TF#5-PUMP OUTLET FLEX. TOP		LL	PRESS.	MONTHLY	21	N		
TL-DF-FL-02		TF#5-PUMP OUTLET FLEX. BOT.								
TL-DF-FL-03		TF#5-PUMP OUTLET LINE								
TL-DF-FL-04		TF#5-PUMP OUTLET AT PUMP								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 70

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-DRYER FEED

Inspection Date: 6-4-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-DF-FL-05		TF#5-PUMP INLET AT PUMP		LL	PRESS.	MONTHLY	21	N		
TL-DF-FL-06		TF#5-STRAINER OUTLET		↓	↓	↓	↓	↓		
TL-DF-FL-07		TF#5-STRAINER INLET		↓	↓	↓	↓	↓		
TL-DF-OE-01		TF#5-PUMP INLET LINE		LL	PRESS.	MONTHLY	21	N		
TL-DF-OE-02		TF#5-AUX. PUMP OUTLET LINE		↓	↓	↓	↓	↓		
TL-DF-OE-03		BY DRYER-LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 71

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE-DRYER ROTAMETER

Inspection Date: 6-4-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-DR-V-01		BY DRYER - LINE OUTLET DRAIN		LL	PRESS.	MONTHLY	21	N		
TL-DR-V-02		BY DRYER - LINE OUTLET		↓	↓	↓	↓	↓		
TL-DR-V-03		BY DRYER - ROTAMETER BYPASS		↓	↓	↓	↓	↓		
TL-DR-V-04		BY DRYER - ROTAMETER TOP		↓	↓	↓	↓	↓		
TL-DR-V-05		BY DRYER - ROTAMETER BOTTOM		↓	↓	↓	↓	↓		
TL-DR-V-06		TF #5 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-DR-V-07		TF #5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-DR-FL-01		BY DRYER - ROTAMETER TOP		LL	PRESS.	MONTHLY	21	N		
TL-DR-FL-02		BY DRYER - ROTAMETER BOTTOM		↓	↓	↓	↓	↓		
TL-DR-OE-01		BY DRYER - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-DR-OE-02		TF #5 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 72

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.L. - LUWA UTO Q.C. TO TF #5

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-L-UTO-QC-V-01		INSIDE DMAC BLDG. - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-L-UTO-QC-V-02		INSIDE DMAC BLDG. - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-L-UTO-QC-V-04		TF #5 - LINE OUTLET		↓	↓	↓	↓	↓		
TL-L-UTO-QC-V-05		TF #5 - LINE OUTLET DRAIN		↓	↓	↓	↓	↓		
TL-L-UTO-QC-OE-01		INSIDE DMAC BLDG. - LINE OUTLET		LL	PRESS.	MONTHLY	21	N		
TL-L-UTO-QC-OE-02		TF #5 - LINE OUTLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000' Closed Vent System
- SS-000. Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Facility: Chicago

HW Mngmnt. Unit: T.L.-LUWA LTO TO TF#5

Inspection Date: 6-18-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-L-LTO-V-01		INSIDE DMAC BLDG.-LINE OUTLET		LL		MONTHLY	V	N		
TL-L-LTO-V-02		INSIDE DMAC BLDG.-LINE OUTLET DRAIN								
TL-L-LTO-V-03		TF#5 - LINE OUTLET								
TL-L-LTO-V-04		TF#5 - LINE OUTLET DRAIN								
TL-L-LTO-OE-01		INSIDE DMAC BLDG.-LINE OUTLET		LL		MONTHLY	V	N		
TL-L-LTO-OE-02		TF#5 - LINE OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 74

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: TRANSFER LINE - S

Inspection Date: 6-17-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
TL-5-V-01		DMAC BLDG. PROD. LINE OUTLET DRAIN		LL		MONTHLY	V	N		
TL-5-V-02		TF#4 - LINE OUTLET DRAIN		↓		↓	↓	↓		
TL-5-FL-01			ON LINE	LL		MONTHLY	V	N		
TL-5-FL-02			ON LINE	↓		↓	↓	↓		
TL-5-FL-03			ON LINE	↓		↓	↓	↓		
TL-5-FL-04			ON LINE	↓		↓	↓	↓		
TL-5-OE-01		DMAC BLDG. PROD. - LINE OUTLET		LL		MONTHLY	V	N		
TL-5-OE-02		TF#4 - LINE OUTLET		↓		↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 1

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Tested on 6-17-91 while running THF under Atmospheric conditions. And finished on 6-18-91 running THF under 8 PSI Press. This Test included all of Tanks in F-1 room.

NOTE some of the Tests were visual on 6-17-91 due to Problems with the Testing meter. There were no leaks.

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0533		REFLUX SAMPLE VALVE AT COLUMN			Atmos	monthly	V	N		
1-V-0529		DECANT LINE VENT			↓	↓	↓	↓		
1-V-0530		PFRT LINE VENT								
1-V-0531		ATO LINE VENT								
1-V-0528		AUX. VENT VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 ROOF LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-0418		REFLUX LINE AT COLUMN			Atmos.	Monthly	V	N		
1-FL-0419		VAPOR OUTLET TOP OF COLUMN			↓	↓	↓	↓		
1-FL-0420		VAPOR OUTLET TOP OF COLUMN			↓	↓	↓	↓		
1-FL-0421		RUPTURE DISK			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 LEVEL #2

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Selection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0527		DECANT VALVE TO COALESCER			Atmos.	Monthly	V	N		
1-V-0519		DECANT VALVE TO COALESCER			↓	↓	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 LEVEL #2

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-		FEED TRAY #13 AT COLUMN			Atmos.	monthly	V	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0510		DECANT VALVE TO DECANT TANK			Atmos.	monthly	V	N		
1-V-0518		DECANT VALVE TO DECANT TANK								
1-V-0512		DECANT VALVE								
1-V-0517		DECANT VALVE								
1-V-0511		DECANT VALVE								
1-V-		FEED TRAY #13								
1-V-0525		FEED TRAY #8								
1-V-0522		FEED LINE SAMPLE VALVE								
1-V-0523		WATER TO FEED LINE								
1-V-0521		FEED HEATER OUTLET TO FEED LINE								
1-V-0459		MANIFOLD VALVE FEED LINE								
1-V-0458		MANIFOLD VALVE FEED LINE								
1-V-0520		AUX. VALVE TOP OF FEED HEATER								
1-V-0456		MANIFOLD VALVE FEED LINE								
1-V-0455		MANIFOLD VALVE FEED LINE								
1-V-0460		FEED LINE TO FEED HEATER INLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 - LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Inspection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0516		DECANT LINE TO PFRT LINE			Atmos.	Monthly	V	N		
1-V-0515		DECANT LINE TO PFRT LINE			↓	↓	↓	↓		
1-V-0514		DECANT LINE TO PFRT LINE								
1-V-0513		DECANT LINE TO PFRT LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 7

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-0397		FEED TRAY #8 AT COLUMN			Atmos.	Monthly	V	OK		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0457		FEED TRAY #3			Atmos.	Monthly	V	N		
1-V-0526		DECANT LINE MANUAL VENT								
1-V-0417		ATO TO COOLER CHECK VALVE								
1-V-0416		LTO TO COOLER CHECK VALVE								
1-V-0452		ATO TO FEED LINE CHECK VALVE								
1-V-0443		CYCLO PUMP TO FEED LINE CHECK VALVE								
1-V-0429		FEED LINE CHECK VALVE								
1-V-0430		SM. FEED ROTA TO FEED LINE								
1-V-0431		AUX. FEED LINE INLET								
1-V-0432		LG. FEED ROTA OUTLET								
1-V		FEED ROTA BYPASS								
1-V-0435		LG. FEED ROTA INLET								
1-V-0434		SM. FEED ROTA INLET								
1-0430										
1-V-0433		LG. FEED ROTA OUTLET TO GROUND								
1-V-		AUX. FEED LINE INLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Inspection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0436		FEED PUMP OUTLET TO ROTA INLET			Atmos	Monthly	V	N		
1-V-0437		FEED PUMP OUTLET SAMPLE VALVE								
-V-		FEED PUMP STRAINER DRAIN								
1-V-0439		FEED PUMP INLET								
1-V-		FEED PUMP INLET								
1-V-0509		FEED HEATER DRAIN								
1-V-0508		FEED HEATER AUX. INLET								
1-V-0444		CYCLO PUMP OUTLET TO FEED LINE								
1-V-0447		CYCLO PUMP INLET								
-V-0446		CYCLO PUMP PSI GAUGE								
-V-		CYCLO PUMP OUTLET SAMPLE PORT								
1-V-		CYCLO PUMP INLET STRAINER DRAIN								
1-V-0442		FEED LINE DRAIN								
1-V-0454		ATO TO FEED LINE								
1-V-0453		ATO TO FEED LINE DRAIN								
1-V-0418		ATO TO COOLER #2								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0395		ATO TO POT REC. LINE			ATMOS.	monthly	V	N		
1-V-0394		ATO TO POT CHECK VALVE								
1-V-0393		LTO TO POT CHECK VALVE								
1-V-0461		LTO-ATO REC. LINE TO POT								
1-V-0462		POT DRAIN OUTLET								
1-V-0396		ATO ROTA BYPASS								
1-V-0402		ATO ROTA INLET								
1-V-0401		ATO ROTA BYPASS								
1-V-0403		ATO PUMP PSI GAUGE								
1-V-040		ATO PUMP SAMPLE VALVE								
1-V-0405		ATO PUMP OUTLET DRAIN								
1-V-0407		ATO PUMP AUX. INLET								
1-V-0409		ATO PUMP INLET								
1-V0410		ATO PUMP INLET AUX. VALVE								
1-V-0471		ATO COND. DRAIN								
1-V-0467		ATO COND. MANUAL VENT VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: _____

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0468	POT TO ATO DEMISTER				Atmos.	Monthly	V	N		
1-V-0470	ATO VENT VALVE									
1-V-0463	ATO DEMISTER DRAIN TO POT									
1-V-0464	ATO DEMISTER DRAIN TO FLOOR									
1-V-0465	ATO DEMISTER DRAIN TO FLOOR									
1-V-0466	ATO DEMISTER DRAIN TO POT									
-V-0476	POT SIGHTGLASS TOP VALVE									
1-V-	POT SIGHTGLASS BOTTOM VALVE									
1-V-0474	POT SIGHTGLASS TOP VALVE									
-V-	POT SIGHTGLASS BOTTOM VALVE									
1-V-0477	PRESSURE GAUGE ON POT									
1-V-0478	Pot. Outlet to LTO Pump by STRAINER									
	LTO + ATO recir line to pump \ under pot				—	—	—	—		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0412		LTO TO FEED REC. LINE CHECK VALVE			Atmos.	Monthly	V	N		
1-V-0411		LTO TO FEED REC. LINE CHECK VALVE								
1-V-0415		LTO TO COOLER #2								
-V-0387		LTO AUX. OUTLET								
1-V-039		LTO TO POT REC. LINE								
1-V-0386		LTO ROTA INLET								
1-V-0385		LTO PSI GAUGE								
1-V-0384		LTO SAMPLE VALVE								
1-V-0383		LTO OUTLET DRAIN								
1-V-		LTO STRAINER DRAIN								
1-V-0388		AUX. LTO OUTLET								
1-V-0390		AUX. LTO OUTLET								
1-V-0389		AUX. LTO OUTLET								
1-V-0391		AUX. LTO OUTLET								
1-V-0500		NITROGEN TO SURGE TANK								
1-V-0482		UTO PUMP REC. TO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Hw Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-V-0481		UTO PUMP REC. LINE DRAIN			ATMOS.	Monthly	V	N		
1-V-0501		OLD MAIN VENT FROM SURGE TANK			↓	↓	↓	↓		
1-V-0502		OLD MAIN VENT FROM SURGE TANK								
1-V-0506		DECANT TANK DRAIN								
1-V-0507		DECANT TANK DRAIN								
-1-V-0505		DECANT TANK DRAIN								
1-V-0433		UTO PUMP OUTLET SAMPLER								
1-V-0491		LARGE UTO ROTA INLET								
-1-V-0492		SMALL UTO ROTA INLET								
-1-V-0495		SMALL UTO ROTA INLET								
-1-V-0496		UTO OUTLET								
-1-V-0497		UTO OUTLET								
-1-V-0498		UTO OUTLET DRAIN								
-1-V-0499		UTO OUTLET DRAIN								
-1-V-0485		REFLUX ROTA INLET								
-1-V-0493		SMALL UTO ROTA OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

WU Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-1-V-0494		LARGE UTO ROTA OUTLET			Atmos.	monthly	V	N		
-1-V-0487		UTO AUX. OUTLET								
-1-V-0488		REFLUX LINE TO COLUMN								
:-1-V-0419		LTO + ATO 2nd Cooler Outlet								
:-1-V-0420			AUX. Outlet							
=-1-V-0421			AUX OUTLET BLOWOUT							
=-1-V-0422			ROTA INLET							
F-1-V-0423			ROTA OUTLET							
F-1-V-0424			ROTA BY PASS							
F-1-V-0425			Outlet Line							
F-1-V-0426			Outlet Blowout							
F-1-V-0427			Outlet Line							
F-1-V-0428			Outlet Blow Out							
F-1-V-0486		Reflux Control Valve								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = [illegible]sed Vent System
- SS-0001 = [illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-FL-0396		FEED TRAY #3 AT COLUMN			Press.	Monthly	21	N		
-FL-0384		LTO TO COOLER AT CHECK VALVE								
-FL-0385		LTO TO COOLER AT CHECK VALVE								
-FL-0426		ATO TO COOLER AT CHECK VALVE								
-FL-0388		ATO TO COOLER AT CHECK VALVE								
-FL-0386		ATO-LTO TO COOLER LINE								
1-FL-0389		TOP OF ATO-LTO COOLER								
1-FL-0374		ATO TO FEED LINE AT CHECK VALVE								
1-FL-0375		ATO TO FEED LINE AT CHECK VALVE								
1-FL-0443		CYCLO TO FEED LINE AT CHECK VALVE								
1-FL-0429		ATO TO FEED CHECK VALVE BODY								
1-FL-0378		FEED LINE								
1-FL-0430		FEED LINE CHECK VALVE BODY								
-FL-		FEED PUMP INLET FLANGE								
1-FL-		FEED PUMP OUTLET FLANGE								
1-FL-0373		ATO TO FEED LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-0372		ATO TO FEED LINE			Press.	monthly	21	N		
1-FL-0369		ATO TO POT REC. LINE								
1-FL-0370		ATO TO LTO COOLER #2								
1-FL-0367		ATO TO REC. LINE AT CHECK VALVE								
1-FL-0368		ATO TO REC. LINE AT CHECK VALVE								
1-FL-0365		LTO TO POT REC. LINE AT CHECK VALVE								
1-FL-0364		LTO TO POT REC. LINE AT CHECK VALVE								
-FL-0027		LTO TO POT REC. LINE CHECK VALVE								
-FL-0428		ATO TO POT REC. LINE CHECK VALVE								
1-FL-0366		ATO/LTO REC. LINE TO POT								
1-FL-0410		ATO/LTO REC. LINE TO POT								
1-FL-0371		ATO ROTA OUTLET								
1-FL-0417		ATO COND. VENT LINE								
1-FL-0416		ATO COND. OUTLET FLANGE								
1-FL-0415		ATO COND. INLET FLANGE								
1-FL-0413		ATO DEMISTER TO ATO COND.								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-FL-0414	ATO DEMISTER TO ATO COND.				Press.	Monthly	21	N		
1-FL-0363	LTO TO POT REC. LINE									
1-FL-0381	LTO TO FEED REC. LINE AT CHECK VALVE									
1-FL-	LTO TO FEED REC. LINE AT CHECK VALVE									
1-FL-0424	LTO TO FEED REC. LINE CHECK VALVE									
1-FL-	LTO ROTA OUTLET FLANGE									
1-FL-	LTO PUMP OUTLET FLANGE									
1-FL-	LTO PUMP INLET FLANGE									
1-FL-0399	POT TO LTO STRAINER INLET									
1-FL-	LTO STRAINER OUTLET FLANGE									
1-FL-0383	LTO TO COOLER #2									
1-FL-0390	LTO OUTLET FROM COOLER #2									
1-FL-0391	LTO OUTLET FROM COOLER #2									
1-FL-0392	LTO OUTLET FROM COOLER #2									
1-FL-0393	LTO OUTLET FROM COOLER #2									
1-FL-0394	LTO OUTLET FROM COOLER #2									

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LIS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Unit Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
					PRESS	monthly	21	N		
1-FL-0362		LTO TO POT REC. LINE								
-FL-		LTO PUMP INLET								
1-FL-0422		REFLUX CHECK VALVE BODY								
1-FL-0408		REFLUX CHECK VALVE OUTLET								
1-FL-0409		REFLUX CHECK VALVE INLET								
-FL-0407		SURGE TANK LEVEL CONTROL TOP FLANGE								
1-FL-0406		SURGE TANK LEVEL CONTROL TOP FLANGE								
-FL-0405		SURGE TANK LEVEL CONTROL BOTTOM FLANGE								
-FL-0404		SURGE TANK TO UTO PUMP								
-FL-0403		DECANT LINE TO UTO TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = C[illegible]sed Vent System
- SS-0001 = S[illegible]pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 OUTSIDE GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
1-V-0449		CYCLO PUMP INLET DRAIN			PRESS.	monthly	21	N		
1-V-0450		CYCLO PUMP INLET			↓	↓	↓	↓		
1-V-0451		CYCLO PUMP INLET DRAIN			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-OE-0052		LTO OUTLET AUX.			PRESS.	monthly	21	N		
-OE-0053		LTO OUTLET AUX.								
-OE-0054		SURGE TANK LEVEL CONTROL DRAIN								
-OE-0055		UTO OUTLET								
1-OE-0056		UTO OUTLET								
1-OE-0057		AUX. UTO-REFLUX OUTLET								
1-OE-0058		LTO STRAINER DRAIN								
1-OE-0059		POT DRAIN								
1-OE-0060		AUX. FEED INLET								
1-OE-0061		ATO PUMP AUX. INLET								
1-OE-0062		ATO COND. DRAIN								
1-OE-0063		ATO PUMP AUX. OUTLET								
1-OE-0064		FEED PUMP INLET								
1-OE-0065		FEED PUMP INLET								
1-OE-0066		FEED HEATER DRAIN								
1-OE-0067		OUTLET LTO COOLER #2								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-1 GROUND LEVEL

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-1-OE-0068		LTO OUTLET AFTER LTO ROTA			Press.	monthly	21	N		
1-OE-0069		LTO OUTLET AFTER LTO ROTA								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 Knock out Tank #1

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-1-K.O.#1-V-01		Bottom outlet line			PRESS	Monthly	21	N		
F-1-K.O.#1-V-02		Sightglass bottom			↓	↓	↓	↓		
F-1-K.O.#1-V-03		Sightglass Top								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open-Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 Knock OUT Tank #1

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-1-KO.#1-OE-01		Bottom outlet line			Press.	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 Knock Out Tank #2

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-1-K.O.#2-V-01		Bottom outlet line			PRESS.	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] Closed Vent System
- SS-000[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 25

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 knock out Tank #2

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-1-K.O.-#2-FL-01		Vent line TOP OF Tank			PRESS	monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 Knock out Tank #2

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-1-K-O.#2-OE-01		Bottom outlet line			PRESS.	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HU Mngmnt. Unit: F-1 Room T#159

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-159-DE-01		BOTTOM OUTLET LINE			Atmos	monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment
- Pumps
  - Packed ...ling box seal
  - 1-Mech ...le mechanical seal
  - 2-Mech ...le mechanical seal
- Pressure ... Devices
  - RV ...ef valve
  - RD ...ure Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: F-1 Room T#160

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Device	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-160-V-01		BOTTOM OUTLET LINE			Atmos	monthly	21	N		
F-160-V-02		SIGHTGLASS BOTTOM			Atmos	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Type -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

OU Mngmnt. Unit: F-1 Room T#160

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-160-OE-01		BOTTOM OUTLET LIN			Atmos.	monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment
- Pumps
  - Packed ... ling box seal
  - 1-Mech ... le mechanical seal
  - 2-Mech ... le mechanical seal
- Pressure ... Devices
  - RV ... ef valve
  - RD ... ure Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Div/Mngmnt. Unit: E-1 Room T#161

Inspection Date: 06-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-161-V-09		PRESS. RELIEF VALVE-TOP OF T			Atmos.	Monthly	21	N		
T-161-V-10		PSI GAUGE - TOP OF T								
T-161-V-08		SIGHTGLASS TOP								
T-161-V-04		SIGHTGLASS BOTTOM								
T-161-V-03		BOTTOM OUTLET LINE								
T-161-V-01		AUX. BOTTOM OUTLET								
T-161-V-02		BOTTOM OUTLET LINE TO								
T-161-V-07		PUMP OUTLET PSI GAUG								
T-161-V-05		PUMP OUTLET LINE								
T-161-V-06		PUMP OUTLET BLOWDO								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment
Pumps
- Packed = Packing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices
- RV = Relief valve
- RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

DU Mngmnt. Unit: F-1 Room T#161

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-161-FL-01		Pump Housing			Atmos.	Monthly	21	N		
T-161-FL-02		Bottom Outlet Lin			↓	↓	↓	↓		
T-161-FL-03		Blind Side of Tank			↓	↓	↓	↓		
T-161-FL-04		Top of Tank To F-1 Vent Sy			↓	↓	↓	↓		
T-161-FL-05		Blind Top of Tank			↓	↓	↓	↓		
T-161-FL-06		Decant Line From F-1 Top of			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment
Pumps
- Packed ... ing box seal
- 1-Mech ... le mechanical seal
- 2-Mech ... le mechanical seal

Pressure ... Devices
- RV ... ef valve
- RD ... ure Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

DW Mngmnt. Unit: F-1 Room T#161

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-161-OE-01		AUX. BOTTOM OUTLET			Atmos.	Monthly	21	N		
T-161-OE-02		PUMP OUTLET LINE			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Type
- Pumps
  - Packed ... ing box seal
  - 1-Mech ... e mechanical seal
  - 2-Mech ... e mechanical seal
- Pressure ... Devices
  - RV ... f valve
  - RD ... re Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mngmnt. Unit: F-1 Room T#162

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	e of vice	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-162-V-01		BOTTOM OUTLET LIN			Atmos	Monthly	2.1	N		
T-162-V-02		BOTTOM OUTLET LINE			↓	↓	↓	↓		
T-162-V-03		SIGHTGLASS BOTTOM								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment I
- Pumps
  - Packed ing box seal
  - 1-Mech e mechanical seal
  - 2-Mech e mechanical seal
- Pressure e Devices
  - RV f valve
  - RD ure Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

PU Mngmnt. Unit: F-1 Room T#162

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Device	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-162-FL-01		BOTTOM OUTLET BELOW TE			Atmos	Monthly	21	N		
T-162-FL-02		BOTTOM OUTLET ABOVE TE			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Type -
- Pumps
  - Packed - Packing box seal
  - 1-Mech - Single mechanical seal
  - 2-Mech - Dual mechanical seal
- Pressure Relief Devices
  - RV - Relief valve
  - RD - Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: E-1 Room T#162

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-162-DE-01		BOTTOM OUTLET LINE			Atmos.	monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Packing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: NEW Room T#163

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-163-V-01		BOTTOM OUTLET LINE			Atmos.	monthly	21	N		
T-163-V-02		BOTTOM OUTLET LINE C.S.								
T-163-V-03		BOTTOM OUTLET LINE								
T-163-V-05		SIGHTGLASS BOTTOM								
T-163-V-04		SIGHT GLASS DRAIN								
T-163-V-06		AUX. SIDE LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open (Vented) Valve or Line

Equipment Types -
- Pumps
  - Packed = Packing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: F-1 Room T#163

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-163-OE-01		BOTTOM OUTLET LINE			Atmos.	Monthly	21	N		
T-163-OE-02		SIDE LINE			↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open (Vented) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Unit Mngmnt. Unit: F-1 Room T#164

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-164-V-01		BOTTOM OUTLET LINE DRAIN			Atmos.	Monthly	21	N		
T-164-V-02		BOTTOM OUTLET LINE C.V			↓	↓	↓	↓		
T-164-V-03		BOTTOM OUTLET LINE								
T-164-V-04		SIGHTGLASS BOTTOM								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open (Vented) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: F-1 Room T#164

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-164-OE-01		BOTTOM OUTLET LINE			Atmos.	monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Mgmt. Unit: NEW ROOM T#165

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-165-V-01		BOTTOM OUTLET LINE			Atmos	Monthly	21	N		
T-165-V-02		BOTTOM OUTLET LINE DRAIN			↓	↓	↓	↓		
T-165-V-03		BOTTOM OUTLET LINE C.V.								
T-165-V-04		SIGHTGLASS BOTTOM								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Div Mngmnt. Unit: F-1 Room T#165

Inspection Date: 6-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-165-OE-01		BOTTOM OUTLET LINE			Atmos	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: E-1 Room T#166

Inspection Date: 06-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-166-V-01		BOTTOM OUTLET LINE			Atmos	Monthly	21	N		
T-166-V-02		BOTTOM OUTLET LINE C.V.			↓	↓	↓	↓		
T-166-V-03		OLD SIGHTGLASS BOTTOM								
T-166-V-04		SIGHTGLASS BOTTOM								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open Ended Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: F-1 Room T#166

Inspection Date: 06-18-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-166-OE-01		BOTTOM OUTLET LINE			Atmos.	monthly	21			

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Vented) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Tested on 6-17-91 while running Freon H.B. Strip under 12 PSI Press. Conditions. No leaks detected.

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 TOP LEVEL-9

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0540		FEED LINE - UPPER PACKED SECTION		L.L.	12psi	MONTHLY	21	N		
-4-V-0541		AUX. FEED LINE - UPPER PACKED SECTION		L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 TOP LEVEL-9

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0440		TOP OF COLUMN VAPOR OUTLET		L.L.	12 psi	MONTHLY	21	N		
4-FL-0441		TOP OF COLUMN VAPOR OUTLET								
4-FL-0442		VENT LINE RUPTURE DISC.								
4-FL-0443		FEED LINE UPPER PACKED SECTION AT COLUMN								
4-FL-0444		FEED LINE UPPER PACKED SECTION								
4-FL-0445		REFLUX LINE AT COLUMN								
4-FL-0446		REFLUX LINE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmnt. Unit: F-4/D-2 LEVEL-8

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0542	FEED LOWER PACKED SECTION			L.L.	12psi	MONTHLY	21	N		
-4-V-0543	AUX. FEED LOWER PACKED SEC.			L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Inv Mngmnt. Unit: F-4/D-2 LEVEL-8

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0447		FEED LINE-LOWER PACKED SEC. AT COLUMN		L.L.	12psi	MONTHLY	21	N		
-4-FL-0448		FEED LINE-LOWER PACKED SEC.		L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #7

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0544		FEED TRAY #34		L.L.	12 Psi	MONTHLY	21	N		
-4-V-0545		AUX. FEED TRAY #34		L.L.	12 Psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #7

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0451		FEED TRAY #34 AT COLUMN		L.L.	12 psi	MONTHLY	21	N		
4-FL-0452		FEED LINE AT FLEXIBLE								
4-FL-0453		FEED LINE AT FLEXIBLE								
4-FL-0449		AUX. FEED LINE AT FLEXIBLE								
4-FL-0450		AUX. FEED LINE AT FLEXIBLE								
F-4-FL-0454		VTO LINE AT FLEXIBLE								
F-4-FL-0455		VTO LINE AT FLEXIBLE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 7

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #6

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-4-V-0546		FEED TRAY #30		L.L.	12psi	MONTHLY	21	N		
F-4-V-0547		FEED TRAY #30 AUX.		L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HWMU Mngmnt. Unit: F-4/D-2 LEVEL #6

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0456		FEED TRAY #30 AT COLUMN		L.L.	12 psi	MONTHLY	21	N		
F-4-FL-0457		Reflux line AT Flex.		L.L.	12 psi	MONTHLY	21	N		
F-4-FL-0458		Reflux line AT Flex.		L.L.	12 psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #5

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0548		FEED TRAY #26		L.L.	12psi	MONTHLY	21	N		
-4-V-0549		AUX. FEED TRAY #26								
-4-V-0550		FEED TRAY #24								
-4-V-0551		AUX. FEED TRAY #24								
-4-V-0552		FEED TRAY #21								
-4-V-0553		AUX. FEED TRAY #21								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 10

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HWMgmnt. Unit: F-4/D-2 LEVEL #5

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0459		FEED TRAY #26 AT COLUMN		L.L.	12psi	MONTHLY	21	N		
-4-FL-0460		FEED TRAY #24 AT COLUMN		↓	↓	↓	↓	↓		
-4-FL-0461		FEED TRAY #21 AT COLUMN		↓	↓	↓	↓	↓		
-4-FL-0462		FEED LINE AT FLEXIBLE		↓	↓	↓	↓	↓		
-4-FL-0463		FEED LINE AT FLEXIBLE		↓	↓	↓	↓	↓		
-4-FL-0464		AUX. FEED LINE AT FLEXIBLE		↓	↓	↓	↓	↓		
-4-FL-0465		AUX. FEED LINE AT FLEXIBLE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 11

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Int Mngmnt. Unit: F-4 / D-2 LEVEL #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-4-V-0554		FEED TRAY #18		L.L	12 psi	MONTHLY	21	N		
F-4-V-0555		AUX. FEED TRAY #18		L.L.	↓	↓	21	N		
F-4-V-0556		FEED TRAY #15		L.L.	↓	↓	21	N		
F-4-V-0557		AUX. FEED TRAY #15		L.L.	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 12

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmt. Unit: F-4/D-2 LEVEL #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-4-FL-0468		FEED TRAY #18 AT COLUMN		L.L.	12 psi	MONTHLY	21	N		
F-4-FL-0469		FEED TRAY #15 AT COLUMN		L.L.	↓	↓	21	N		
F-4-FL-0466		UTO LINE FLEXIBLE		L.L.	↓	↓	21	N		
F-4-FL-0467		UTO LINE FLEXIBLE		L.L.	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 13

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #3

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-4-V-0559		FEED TRAY #12		L.L.	12psi	MONTHLY	21	N		
F-4-V-0558		AUX. FEED TRAY #12		L.L.	↓	↓	21	N		
F-4-V-0560		FEED TRAY #9		L.L.	↓	↓	21	N		
F-4-V-0561		AUX. FEED TRAY #9		L.L.	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OF-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 14

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #3

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0474		FEED TRAY #12 AT COLUMN		L.L.	12psi	MONTHLY	21	N		
-4-FL-0475		FEED TRAY #9 AT COLUMN								
-4-FL-0476		REFLUX LINE FLEXIBLE								
-4-FL-0477		REFLUX LINE FLEXIBLE								
-4-FL-0470		FEED LINE FLEXIBLE								
-4-FL-0471		FEED LINE FLEXIBLE								
-4-FL-0472		AUX. FEED LINE FLEXIBLE								
-4-FL-0473		AUX. FEED LINE FLEXIBLE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HU Mngmnt. Unit: F-4/D-2 LEVEL #2

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0562		FEED TRAY #7		L.L.	12 psi	MONTHLY	21	N		
4-V-0563		AUX. FEED TRAY #7								
4-V-0564		FEED TRAY #4								
4-V-0565		AUX. FEED TRAY #4								
4-V-0681		ATO DEMISTER TO SAMPLE PORT								
4-V-0684		ATO VENT COND. TO DIFF. VALVE								
4-V-0685		NITROGEN LINE TO ATO VENT. COND.								
4-V-0682		CASHCO ATO VENT CONTROL VALVE								
4-V-0683		MANUAL ATO VENT VALVE								
4-V-0667		QUAT TO FEED LINE								
4-V-0668		QUAT TO FEED LINE SAMPLE VALVE								
4-V-0669		QUAT TO FEED LINE CHECK VALVE								
4-V-0579		VENT LINE TOP OF FEED HEATER								
4-V-0580		VENT LINE TOP OF FEED HEATER								
4-V-0581		VENT LINE TOP OF FEED HEATER								
4-V-0576		FEED LINE INTO FEED HEATER								

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 16

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmnt. Unit: F-4/D-2 LEVEL #2

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-4- V-0577		FEED HEATER BYPASS		L.L.	12psi	MONTHLY	21	N		
-4-V-0578		FEED LINE OUT OF FEED HEATER		L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Magmnt. Unit: F-4/D-2 LEVEL #2

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0477		FEED TRAY #4 AT COLUMN		L.L.	12psi	MONTHLY	21	N		
-4-FL-0476		FEED TRAY #7 AT COLUMN								
-4-FL-0512		UTO LINE TOP OF MAIN COND.								
-4-		VENT LINE TOP OF VENT COND.								
-4-FL-0556		ATO DEMISTER TOP (BLIND)								
-4-FL-0557		ATO DEMISTER TOP (BLIND)								
-4-FL-0551		ATO DEMISTER TOP								
-4-FL-0552		ATO DEMISTER TOP AT FLEXIBLE								
-4-FL-0553		ATO DEMISTER TOP AT FLEXIBLE								
-4-FL-0554		ATO DEMISTER TO ATO COND.								
-4-FL-0555		ATO COND. TOP FLANGE								
-4-FL-0558		ATO VENT COND. TOP								
-4-FL-0481		FEED LINE INTO FEED HEATER								
-4-FL-0480		FEED LINE OUT OF FEED HEATER								

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 18

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0634		LTO CASHCO CONTROL VALVE		L.L.	12psi	MONTHLY	21	N		
4-V-0657		REFLUX CASHCO CONTROL VALVE								
4-V-0622		LTO AUX. OUTLET								
4-V-0566		FEED TRAY #1								
4-V-0567		AUX. FEED TRAY #1								
4-V-0676		POT SIGHTGLASS TOP VALVE								
4-V-0677		POT SIGHTGLASS BOTTOM VALVE								
4-V-0678		POT SIGHTGLASS DRAIN VALVE								
4-V-0675		POT LEVEL CONTROL DRAIN								
4-V-0673		REBOILER TO POT LINE								
4-V-0671		ATO DEMISTER TO POT DRAIN								
4-V-0672		ATO DEMISTER MANUAL DRAIN								
4-V-0674		REBOILER TO POT MANUAL DRAIN								
4-V-0670		COLUMN TO ATO DEMISTER								
4-V-0679		ATO DEMISTER TO POT								
4-V-0680		ATO DEMISTER DRAIN								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 19

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0695	ATO CASHCO CONTROL VALVE			L.L.	12psi	MONTHLY	21	N		
-4-V-0574	FEED LINE, FEED HEATER TO TRAYS			L.L.	↓	↓	21	N		
-4-V-0573	FEED LINE, FEED HEATER TO TRAYS DRAIN			L.L.	↓	↓	21	N		
-4-V-0575	FEED LINE, FEED HEATER TO TRAYS DRAIN			L.L.	↓	↓	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 20

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0516			VENT COND. BOT. TO SURGE TANK	L.L	12psi	MONTHLY	21	N		
4-FL-0515			VENT COND. BOT. TO SURGE TANK							
4-FL-0513			MAIN COND. TO SURGE TANK							
4-FL-0514			MAIN COND. TO SURGE TANK							
4-FL-0523			UTO COOLER TOP TO ROTA							
-4-FL-0543			REBOILER TOP TO POT							
4-FL-0541			REBOILER TOP TO POT							
4-FL-0540			REBOILER TOP TO POT							
4-FL-0539			ATO DEMISTER TO POT DRAIN							
4-FL-0536			ATO VAPOR TO ATO DEMISTER							
4-FL-0537			ATO VAPOR TO ATO DEMISTER							
4-FL-0538			ATO VAPOR TO ATO DEMISTER							
4-FL-0545			POT LEVEL CONTROL TO HEAD FLANGE							
4-FL-0546			POT LEVEL CONTROL TOP FLANGE							
-4-FL-0547			POT LEVEL CONTROL BOT. FLANGE							
-4-FL-0502			LTO COOLER TOP AUX. OUTLET							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 21

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0501		LTO COOLER TOP FLANGE		L.L.	12psi	MONTHLY	21	N		
4-FL-0529		UTO ROTA TO T.F. #4								
4-FL-0528		UTO ROTA BYPASS								
4-FL-0531		REFLUX ROTA BYPASS								
4-FL-0530		REFLUX ROTA TO COLUMN								
4-FL-0482		FEED ROTA TO FEED HEATER								
4-FL-0544		ATO/POT DIFF. SENSOR								
4-FL-0510		LTO ROTA BYPASS								
4-FL-0511		LTO ROTA TO TF #4								
4-FL-0478		FEED TRAY #1 AT COLUMN								
4-FL-0560		ATO SYSTEM RUPTURE DISK								
4-FL-0599		ATO COND. BOTTOM								
4-FL-0561		ATO COND. BOTTOM								
4-FL-0563		ATO COND. TELLER WINDOW								
4-FL-0564		ATO COND. TELLER WINDOW								
4-FL-0562		ATO VENT COND. TO ATO SURGE TANK								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OF-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 22

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 LEVEL #1

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0565		ATO VENT COND. TO ATO SURGE TANK		L.L	12psi	MONTHLY	21	N		
-4-FL-0566		ATO COND. TO ATO SURGE TANK		↓	↓	↓	↓	↓		
-4-FL-0567		ATO COND, TO ATO SURGE TANK		↓	↓	↓	↓	↓		
-4-FL-0568		ATO LEVEL CONTROL HEAD FLANGE		↓	↓	↓	↓	↓		
-4-FL-0569		ATO LEVEL CONTROL TOP FLANGE		↓	↓	↓	↓	↓		
-4-FL-0535		POT TO ATO DEMISTER LINE		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 23

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0568		AUX. FEED ROTA BYPASS		LL	12 psi	MONTHLY	21	N		
4-V-0569		AUX. FEED ROTA BYPASS								
4-V-0570		AUX. FEED ROTA BOTTOM								
4-V-0571		AUX. FEED ROTA DRAIN								
4-V-0572		AUX. FEED LINE DRAIN								
4-V-0582		FEED ROTA TOP								
4-V-0583		FEED ROTA SAMPLE PORT.								
4-V-0584		FEED ROTA BOTTOM								
4-V-0585		FEED ROTA BYPASS								
4-V-0586		FEED LINE BEFORE ROTAMETER								
4-V-0587		LTO RECIRCULATING TO FEED LINE								
4-V-0588		ATO RECIR. TO FEED LINE								
4-V-0589		ATO RECIR. TO FEED LINE DRAIN								
4-V-0590		ATO RECIR. TO FEED LINE CHECK VALVE								
4-V-0591		ATO RECIR. TO FEED LINE DRAIN								
4-V-0592		ATO RECIR. TO POT CHECK VALVE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LIS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 24

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0593			ATO RECIR. TO POT	L.L.	12psi	MONTHLY	21	N		
4-V-0594			ATO RECIR. LINE OR LTO AUX. OUTLET							
4-V-0595			ATO RECIR. TO POT CHECK VALVE							
4-V-0596			ATO RECIR. TO ROTA OR POT BY ROTA							
4-V-0597			AUX. FEED LINE-UNDER ROTA							
4-V-0598			AUX. FEED LINE DRAIN							
4-V-0599			AUX. FEED LINE DRAIN							
4-V-0600			AUX. FEED LINE-BY WALL							
4-V-0601			AUX. FEED LINE DRAIN-BY WALL							
4-V-0611			LTO FROM POT TO PUMP							
4-V-0612			AUX. LTO PUMP INLET							
4-V-0613			AUX. LTO PUMP INLET							
4-V-0614			AUX. LTO PUMP INLET							
4-V-0615			LTO PUMP STRAINER DRAIN							
4-V-0616			LTO PUMP PRESS. IND.							
4-V-0617			LTO PUMP OUTLET/DRAIN OR SAMPLE PORT							

LEGEND:

Equipment Identification Ing Nos. -

- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4 / D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0618		LTO PUMP OUTLET - CHECK VALVE		L.L.	12 psi	MONTHLY	21	N		
4-V-0619		LTO PUMP OUTLET/DRAIN OR SAMPLE PORT								
4-V-0620		LTO PUMP OUTLET TO LTO COOLER								
4-V-0621		LTO LINE TO COOLER DRAIN								
4-V-0623		AUX. LTO OUTLET - AFTER COOLER								
4-V-0624		LTO LINE DRAIN - UNDER ROTA								
4-V-0625		LTO ROTA BOTTOM								
4-V-0626		LTO ROTA SAMPLE PORT								
4-V-0627		LTO RECIRCULATING TO POT								
4-V-0628		LTO RECIR. TO POT-CHECK VALVE								
4-V-0629		LTO RECIR. TO POT - UNDER POT								
4-V-0630		LTO RECIR. OR POT AUX. OUTLET								
4-V-0631		LTO RECIR. OR POT AUX OUTLET BLOWOUT								
4-V-0632		LTO ROTA TOP								
4-V-0633		LTO ROTA BYPASS								

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OF-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LIS = Light Liquid Service
- HIS = Heavy Liquid Service

Notes

Sheet No. 26

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0640			UTO SURGE BOT. LINE DRAIN	L.L.	12psi	MONTHLY	21	N		
4-V-0641			UTO SURGE BOT. LINE TO PUMP							
4-V-0642			UTO PUMP STRAINER DRAIN							
-4-V-0643			UTO SURGE BOT. ½" LINE TO PUMP							
-4-V-0644			UTO SURGE SIDE LINE TO PUMP							
-4-V-0645			UTO PUMP PRESS. IND.							
-4-V-0646			UTO PUMP OUTLET-CHECK VALVE							
4-V-0647			UTO LINE AUX. OUTLET BEFORE COOLER							
-4-V-0648			UTO TO REFLUX LINE-BEFORE COOLER							
-4-V-0649			UTO LINE COOLER BOTTOM							
-4-V-0650			UTO LINE COOLER BOTTOM DRAIN							
-4-V-0651			UTO LINE DRAIN - UNDER ROTA							
-4-V-0652			UTO LINE DRAIN - UNDER ROTA							
-4-V-0653			UTO ROTA BOTTOM							
-4-V-0654			UTO ROTA SAMPLE PORT							
-4-V-0655			UTO ROTA TOP							

LEGEND:

Equipment Identification Tag Nos.
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0656		UTO ROTA BYPASS		L.L.	12 psi	MONTHLY	21	N		
4-V-0658		REFLUX ROTA TOP								
4-V-0659		REFLUX ROTA SAMPLE PORT								
4-V-0660		REFLUX ROTA BOTTOM								
4-V-0661		REFLUX ROTA BYPASS								
4-V-0662		REFLUX ROTA LINE DRAIN								
4-V-0663		REFLUX ROTA LINE DRAIN								
4-V-0686		ATO LINE TO PUMP-SURGE TANK BOT.								
4-V-0687		ATO PUMP STRAINER DRAIN								
4-V-0688		ATO PUMP OUTLET SAMPLE PORT								
4-V-0689		ATO PUMP OUTLET PRESS. IND.								
4-V-0690		ATO PUMP OUTLET LINE TO ROTA								
4-V-0691		ATO ROTA BOTTOM								
4-V-0692		ATO ROTA SAMPLE PORT								
4-V-0693		ATO ROTA TOP								

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 28

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Unit Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0694		ATO ROTA BYPASS		L.L.	12psi	MONTHLY	21	N		
-4-V-0696		ATO LINE AFTER CONTROL VALVE								
-4-V-0697		ATO AUX. OUTLET								
-4-V-0698		ATO AUX. OUTLET BLOWOUT								
-4-V-0699		FEED HEATER DRAIN								
-4-V-0700		FEED HEATER DRAIN								

LEGEND:

Equipment Identification Tag Nos.
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 29

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0495		POT BOT. LTO OUTLET TO PUMP		L.L.	12 psi	MONTHLY	21	N		
4-FL-0496		LTO STRAINER INLET								
4-FL-0497		LTO STRAINER OUTLET								
4-FL-0498		LTO PUMP INLET								
4-FL-0499		LTO PUMP OUTLET								
4-FL-0500		LTO COOLER BOTTOM								
4-FL-0503		LTO LINE BY ROTA								
4-FL-0504		LTO ROTA BOTTOM								
4-FL-0517		UTO SURGE TANK BOTTOM								
4-FL-0518		UTO STRAINER INLET								
4-FL-0519		UTO STRAINER OUTLET								
4-FL-0520		UTO PUMP INLET								
4-FL-0521		UTO PUMP OUTLET								
4-FL-0522		UTO LINE COOLER BOTTOM								
4-FL-0524		UTO LINE BY ROTA								
4-FL-0525		UTO LINE UNDER ROTA VALVE								

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 30

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-FL-0526		LTO ROTA BOTTOM		L.L.	12psi	MONTHLY	21	N		
4-FL-0527		LTO ROTA TOP								
4-FL-0532		REFLUX ROTA TOP								
4-FL-0533		REFLUX ROTA BOTTOM								
4-FL-0534		REFLUX LINE FROM PUMP BY ROTA								
4-FL-0505		LTO RECIRCULATING LINE TO POT								
4-FL-0506		LTO RECIR. TO POT - AT CHECK VALVE								
4-FL-0507		LTO RECIR. TO POT - AT CHECK VALVE								
4-FL-0508		LTO RECIR. TO POT - TOP OF CHECK VALVE								
4-FL-0509		LTO RECIR. TO POT BOTTOM OF POT								
4-FL-0483		ATO RECIR. LINE TO FEED LINE - AT CHECK VALVE								
4-FL-0484		ATO RECIR. LINE TO FEED LINE - AT CHECK VALVE								
4-FL-0485		ATO RECIR. LINE TO FEED LINE - TOP OF CHECK VALVE								
4-FL-0486		ATO RECIR. LINE TO FEED LINE - AT T.								
4-FL-0487		ATO RECIR. LINE TO POT - AT T.								

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HWI Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0488			ATO RECIR. LINE TO POT - AT CHECK VALVE	L.L.	12 psi	MONTHLY	21	N		
-4-FL-0489			ATO RECIR. LINE TO POT - AUX. PUMP INL.							
4-FL-0570			ATO SURGE TANK LEVEL CONT. BOT. FLANGE							
4-FL-0571			ATO SURGE TANK TO PUMP - AT TANK BOT.							
4-FL-0572			ATO TO PUMP AT FLEX.							
4-FL-0573			ATO STRAINER INLET							
-4-FL-0574			ATO STRAINER OUTLET							
4-FL-0575			ATO PUMP INLET							
-4-FL-0576			ATO PUMP OUTLET							
-4-FL-0577			ATO PUMP OUTLET - AT FLEX.							
-4-FL-0578			ATO PUMP OUTLET TO ROTA							
4-FL-0579			ATO LINE ROTA BOTTOM							
-4-FL-0580			ATO ROTA TOP							
-4-FL-0581			FEED HEATER BOTTOM FLANGE							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: F-4/D-2 GROUND LEVEL

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-DE-0070		AUX. FEED LINE		L.L.	12 psi	MONTHLY	21	N		
4-DE-0071		AUX. FEED LINE - BY WALL								
4-DE-0072		FEED PUMP AUX. INLET								
4-DE-0073		AUX. LTO PUMP INLET LINE								
4-DE-0074		AUX. LTO OUTLET LINE - AFTER COOLER								
4-DE-0075		LTO RECIR. OR POT AUX. OUTLET LINE								
4-DE-0076		LTO OUTLET TF-#4								
-4-DE-0077		LTO OUTLET TF-#4								
-4-DE-0078		LTO AUX. OUTLET LINE - BEFORE COOLER								
4-DE-0079		LTO OUTLET TF-#4								
4-DE-0080		REBOILER AUX. INLET OR OUTLET								
4-DE-0081		ATO AUX. OUTLET LINE								
4-DE-0082		ATO OUTLET TF #4								
4-DE-0083		ATO OUTLET TF #4								

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmnt. Unit: F-4/D-2 TF #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
4-V-0602	FEED PUMP OUTLET LINE TO D-2			L.L.	12 psi	MONTHLY	21	N		
4-V-0603	FEED PUMP OUTLET LINE BLOWOUT									
4-V-0604	FEED PUMP OUTLET LINE CHECK VALVE									
4-V-0605	FEED PUMP PRESS. IND.									
4-V-0606	FEED PUMP ELEC. SENSOR									
4-V-0607	FEED PUMP DRAIN									
4-V-0608	FEED PUMP STRAINER DRAIN									
4-V-0609	FEED PUMP AUX. INLET LINE									
4-V-0610	FEED PUMP INLET FROM T-18									
4-V-0635	LTO LINE DRAIN - BY WALL									
4-V-0636	LTO OUTLET LINE - BY T-18									
4-V-0637	LTO OUTLET LINE DRAIN - BY T-18									
4-V-0638	LTO OUTLET LINE - BY T-4									
4-V-0639	LTO OUTLET LINE - BY T-4									

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open (vided) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 34

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

Mgmt. Unit: F-4/D-2 TF #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-V-0664		UTO LINE DRAIN - BY WALL		LL.	12psi	MONTHLY	21	N		
-4-V-0665		UTO LINE OUTLET - BY T-3								
-4-V-0666		UTO LINE OUTLET DRAIN - BY T-3								
-4-V-0701		ATO LINE OUTLET - BY T-23								
-4-V-0702		ATO LINE OUTLET - BY T-23								
-4-V-0703		ATO LINE OUTLET DRAIN - BY T-23								
-4-V-0704		ATO LINE OUTLET DRAIN - BY T-23								

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: CHICAGO

Int Mngmnt. Unit: F-4/D-2 TF #4

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-4-FL-0490		FEED PUMP OUTLET LINE TO D-2		L.L.	12psi	MONTHLY	21	N		
-4-FL-0491		FEED PUMP OUTLET		L.L.	12psi	MONTHLY	21	N		
-4-FL-0492		FEED PUMP INLET		L.L.	12psi	MONTHLY	21	N		

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

★

A complete Test was done on This Tank Farm on 6-14-91.
Only one leak was detected. T-20 page #3 Repaired 6-14-91

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 1

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-1

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-1-V-001			Top load line	LL	Atmos	Monthly	2.1	N	10,000	
T-1-V-002			side outlet	↓	↓	↓	↓	↓	↓	
T-1-V-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HM Mngmnt. Unit: T.F.-#4 T-1

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-1-FL-001			Top load line	LL	Atmos.	Monthly	V	N	10,000	Inacc.
T-1-FL-002			To vent system	GV						Inacc.
T-1-FL-003			Top load line	LL						Inacc.
T-1-FL-004			Top load line							Inacc.
T-1-FL-005			Side hatch				21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-1

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-1-OE-001			Top load line	LL	ATMOS	Monthly	21	N	10,000	
T-1-OE-002			side outlet	↓	↓	↓	↓	↓	↓	
T-1-OE-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-2

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-2-V-001			Top load line#1	LL	ATmos.	MonThly	21	N	10,000	
T-2-V-002			side outlet							
T-2-V-003			Bottom outlet							
T-2-V-004			Top load line#2							
T-2-V-005			Top load line#2-drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T-F-#4 T-2

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-2-FL-001			Top load line #1	LL	ATmos.	Monthly	V	N	10,000	Inacc.
T-2-FL-002			To vent system	GV	↓	↓	V	↓	↓	Inacc.
T-2-FL-003			side hatch	LL	↓	↓	21	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-2

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-2-OE-001			Top load line #1	LL	ATMOS.	Monthly	21	N	10,000	
T-2-OE-002			Side outlet	↓	↓	↓	↓	↓	↓	
T-2-OE-003			Bottom outlet	↓	↓	↓	↓	↓	↓	
T-2-OE-004			Top load line #2	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-3

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-3-V-001			Top load line drain	LL	ATMOS.	Monthly	21	N	10,000	
T-3-V-002			side outlet	↓	↓	↓	↓	↓	↓	
T-3-V-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T-F-#4 T-3

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-3-FL-001			Top load line	LL	ATmos	Monthly	21	N	10,000	
T-3-FL-002			To vent system	GV	↓	↓	V	N	↓	Inacc.
T-3-FL-003			side hatch	LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-3

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-3-OE-001			Top load line	LL	ATmos.	Monthly	21	N	10,000	
T-3-OE-002			Side outlet	↓	↓	↓	↓	↓	↓	
T-3-OE-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-4

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-4-V-001			Top load line	LL	Atmos.	Monthly	21	N	10,000	
T-4-V-002			side outlet							
T-4-V-003			Aux. mid. side							
T-4-V-004			Aux. mid. side sample-port							
T-4-V-005			Bottom outlet							
T-4-V-006			Aux. mid. side drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-4

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-4-FL-001			Top load line - LL		ATmos	Monthly	V	N	10,000	Inacc.
T-4-FL-002			To vent system-GV		↓	↓	21	N	↓	
T-4-FL-003			side hatch - LL				21	N		
T-4-FL-04			side middle				21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-4

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-4-OE-001			Top load line	LL	ATmos.	Monthly	21	N	10,000	
T-4-OE-002			Side outlex							
T-4-OE-003			Bottom outlet							
T-4-OE-004			Aux. line-Mid.-side outlet							

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-5

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-5-V-001			Top load line	LL	Atmos.	Monthly	21	N	10,000	
T-5-V-002			side outlet	↓	↓	↓	↓	↓	↓	
T-5-V-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 2

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-5

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-5-FL-001			Top load line	LL	ATmos.	Monthly	21	N	10.000	
T-5-FL-002			To vent system-	GV	↓	↓	↓	↓	↓	
T-5-FL-003			Top load line	LL	↓	↓	↓	↓	↓	
T-5-FL-004			side hatch	LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-5

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-5-OE-001			Top load line	LL	ATMOS.	Monthly	21	N	10,000	
T-5-OE-002			Side outlet line	↓	↓	↓	↓	↓	↓	
T-5-OE-003			Bot. outlet line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-6

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-6-V-001			side outlet	LL	ATmos.	Monthly	21	N	10,000	
T-6-V-002			side outlet drain	↓	↓	↓	↓	↓	↓	
T-6-V-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-6

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-6-FL-001			Top load line	LL	ATMOS.	Monthly	21	N	10,000	
T-6-FL-002			TO vent system	GV	↓	↓	↓	↓	↓	
T-6-FL-003			side hatch	LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-6

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-6-OE-001			Top load line	LL	ATMOS	Monthly	21	N	10.000	
T-6-OE-002			Side outlet	↓	↓	↓	↓	↓	↓	
T-6-OE-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.- #4 T-11

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-11-V-001			Top load line	LL	ATMOS	Monthly	21	N	10,000	
T-11-V-002			Bottom outlet	↓	↓	↓	↓	↓	↓	
T-11-V-1108			E-2 DWG.	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-11

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-11-FL-001			Top load line	LL	ATmos.	Monthly	21	N	10,000	
T-11-FL-002			Recir. from E-2 L.F. Tank ?							
T-11-FL-003			Recir. from E-2 L.F. Tank							
T-11-FL-004			Recir. from E-2 L.F Tank							
T-11-FL-005			Recir. from E-2 L.F. Tank							
T-11-FL-006			side hatch							
T-11-FL-1320			side of Tank							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T. F. - #4 T-11

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-11-OE-001			Top load line	LL	ATMOS.	Monthly	21	N	10,000	
T-11-OE-002			BOTTOM OUTLET	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LIS = Light Liquid Service
- HIS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-12

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-12-V-001			Top load line #1 drain	LL	Atmos.	Monthly	21	N	10,000	
T-12-V-002			Top load line #2 drain				21			
T-12-V-003			Bottom outlet				21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00[illegible] = Closed Vent System
- SS-0[illegible] = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-12

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-12-FL-001			Top load line #1	LL	ATMOS.	Monthly	21	N	10,000	
T-12-FL-002			To vent system	GV			21			
T-12-FL-003			Top load line #2	LL			21			
T-12-FL-004			Top load line #2				✓			Inacc.
T-12-FL-005			Top load line #1				✓			Inacc.
T-12-FL-006			Top load line #1				✓			Inacc.
T-12-FL-007			Top load line #2				✓			Inacc.
T-12-FL-008			Side mid. E-2 H.F. recir.				21			
T-12-FL-009			Side mid. E-2 H.F. recirc.							
T-12-FL-010			Bottom outlet							
T-12-FL-011			Side hatch							
T-12-FL-1324			Side outlet to E-2 H.F. Pump							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#4 T-12

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-12-OE-001			Top load line#1	LL	ATmos.	Monthly	21	N	10,000	
T-12-OE-002			Top load line#2	↓	↓	↓	↓	↓	↓	
T-12-OE-003			Bottom outlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 T-13

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-13-V-001			TOP LOAD LINE DRAIN	LL	ATMOS.	Monthly	21	N	10.000	
T-13-V-002			BOTTOM OUT LET LINE							
T-13-V-003			AUX. LINE - SIDE MIDDLE							
T-13-V-004			AUX. LINE-SIDE MIDDLE SAMPLE PORT							
T-13-V-005			AUX. LINE-SIDE MIDDLE SAMPLE PORT							
T-13-V-006			AUX. LINE-SIDE MIDDLE OUTLET DRAIN							
T-13-V-007			SIDE TOP-RECIRCULATING LINE E-2							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 T-13

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-13-FL-001			TOP LOAD LINE TO VENT SYSTEM	LL	ATMOS.	Monthly	21	N	10,000	
T-13-FL-002				GV						
T-13-FL-003			AUX. LINE-SIDE MIDDLE OUTLET	LL						
T-13-FL-004			SIDE TOP - RECIRCULATING LINE-2							
T-13-FL-005			SIDE HATCH							
T-13-FL-1303			SIDE OUTLET TO E-2 PUMP							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 T-#13

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-13-OE-001		TOP LOAD LINE		LL	ATmos.	Monthly	21	N	10,000	
T-13-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-13-OE-003		AUX. LINE - SIDE MIDDLE OUTLET		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T-#14

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-14-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	MONTHLY	21	N	10,000	
-14-V-002		BOTTOM OUTLET LINE								
-14-V-003		SIDE TOP - CAPPED								
-14-V-004		TOP LOAD LINE DRAIN-FROM OUTSIDE WALL								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #14

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-14-FL-001		TOP LOAD LINE		LL	ATMOS.	MONTHY	21	N	10,000	
-14-FL-002		TO VENT SYSTEM		GV			21			
-14-FL-003		TOP LOAD LINE - FROM OUTSIDE WALL		LL			V			Inacc.
-14-FL-004		TOP LOAD LINE - FROM OUTSIDE WALL					V			Inacc.
-14-FL-005		TOP LOAD LINE - FROM OUTSIDE WALL					V			Inacc.
-14-FL-006		TOP LOAD LINE					V			Inacc.
-14-FL-007		SIDE HATCH					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T.#14

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-14-DE-001		TOP LOAD LINE		LL	ATmos.	Monthly	21	N	10,000	
-14-DE-002		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
-14-DE-003		TOP LOAD LINE - FROM OUTSIDE WALL		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T.#15

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-15-V-001		TOP LOAD LINE DRAIN		LL	ATMOS	MONTHLY	21	N	10,000	
-15-V-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T.#15

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-15-FL-001		TOP-LOAD LINE - TOP OF TANK		LL	ATMOS.	MONTHLY	21	N	10,000	
-15-FL-002		TOP-TO VENT SYSTEM		GV	↓	↓	21	↓	↓	
-15-FL-003		TOP LOAD LINE		LL	↓	↓	V	↓	↓	Inacc.
-15-FL-004		SIDE HATCH		↓	↓	↓	21	↓	↓	
-15-FL-1015		SIDE - TO PUMP		↓	↓	↓	21	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F #4 - T #15

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-15-OE-001		TOP LOAD LINE		LL	ATMOS	Monthly	21	N	10,000	
-15-OE-002		BOTTOM OUTLET LINE		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #16

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-16-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	MONTLY	21	N	10,000	
-16-V-002		SIDE OUTLET LINE					21			
-16-V-003		AUX. LINE - SIDE MIDDLE OUTLET					V			Inacc.
-16-V-004		AUX. LINE - SIDE MIDDLE SAMPLE PORT					V			Inacc.
-16-V-005		AUX. LINE - SIDE MIDDLE OUTLET DRAIN					21			
-16-V-006		BOTTOM OUTLET LINE					21			
-16-V-1030		SIDE - E-2					21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#16

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-16-FL-001		TOP OF TANK-LOAD LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
-16-FL-002		TOP OF TANK-TO VENT SYSTEM		GV			21			
-16-FL-003		SIDE-OUTLET LINE		LL			21			
-16-FL-004		AUX. LINE - SIDE MIDDLE OUTLET		LL			V			Inacc.
-16-FL-005		AUX. LINE - SIDE MIDDLE OUTLET		LL			V			Inacc.
-16-FL-006		SIDE HATCH		LL			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #16

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-16-OE-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-16-OE-002		SIDE OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-16-OE-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
-16-OE-004		AUX. LINE - SIDE MIDDLE OUTLET		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T.#17

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-17-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	MONTHLY	21	N	10,000	
-17-V-002		SIDE OUTLET LINE - CAPPED		↓	↓	↓	↓	↓	↓	
-17-V-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#17

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-17-FL-001		TOP OF TANK - TO VENT SYSTEM		GV	ATMOS.	MONTHLY	21	N	10,000	
-17-FL-002		TOP LOAD LINE		LL						
-17-FL-003		TOP LOAD LINE								
-17-FL-004		TOP LOAD LINE								
-17-FL-005		SIDE OUTLET LINE - CAPPED								
-17-FL-006		SIDE HATCH								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #17

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-17-OE-001		TOP LOAD LINE		LL	Atmos.	Monthly	21	N	10,000	
-17-OE-002		BOTTOM OUTLET		LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#18

Inspection Date: 6-14-91 NOT IN USE

MT

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-18-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	MONTHLY	V	N	10,000	
-18-V-002		SIDE OUTLET LINE		↓	↓	↓	↓	↓	↓	
-18-V-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#18

Inspection Date: 6-14-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-18-FL-001		TOP LOAD LINE		LL	ATMOS.	Monthly	V	N	10,000	
-18-FL-002		TOP TO VENT SYSTEM		GV						
-18-FL-003		TOP LOAD LINE		LL						
-18-FL-004		TOP LOAD LINE								
-18-FL-005		SIDE OUTLET LINE								
-18-FL-006		SIDE OUTLET LINE								
-18-FL-007		SIDE HATCH								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#18

Inspection Date: 2-14-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-18-OE-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	V	N	10,000	
-18-OE-002		BOTTOM OUTLET LINE		LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#19

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-19-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	MONTHLY	21	N	10,000	
-19-V-002		SIDE OUTLET LINE		↓	↓	↓	↓	↓	↓	
-19-V-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #19

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-19-FL-001		TOP LOAD LINE		LL	ATMOS	Monthly	21	N	10,000	
-19-FL-002		TOP-TO VENT SYSTEM		GV						
-19-FL-003		SIDE OUTLET LINE		LL						
-19-FL-004		SIDE HATCH		LL						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#19

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
F-19-OE-001		TOP LOAD LINE		LL	ATmos.	Monthly	21	N	10,000	
F-19-OE-002		SIDE OUTLET LINE		↓	↓	↓	↓	↓	↓	
F-19-OE-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#20

Inspection Date: 6-1-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-20-V-001		TOP LOAD LINE DRAIN		LL	ATMOS.	Monthly	21	N	10,000	
-20-V-002		S-GLASS BOTTOM		↓	↓	↓	↓	↓	↓	
-20-V-003		S-GLASS BOTTOM DRAIN		↓	↓	↓	↓	↓	↓	
-20-V-004		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F.#4 - T#20

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-20-FL-001		TOP LOAD LINE - TOP OF TANK		LL	ATmos	Monthly	V	N	10,000	Inacc.
-20-FL-002		TO VENT SYSTEM - TOP OF TANK		GV			V			Inacc.
-20-FL-003		BOTTOM OUTLET LINE		LL			21			
-20-FL-004		BOTTOM OF TANK OUTLET 1" LINE		LL			21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F. #4 - T #20

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-20-OE-001		TOP LOAD LINE		LL	Atmos.	Monthly	21	N	10,000	
T-20-OE-002		BOTTOM OUTLET LINE		LL	↓	↓	21	0 Leak	↓	[illegible] 6-14-91

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 ampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.E.#4 - T#21

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-21-V-001		TOP LOAD LINE		LL	ATmos	Monthly	21	N	10,000	
-21-V-002		STRAINER DRAIN		↓	↓	↓	↓	↓	↓	
T-21-V-003		S-GLASS BOTTOM		↓	↓	↓	↓	↓	↓	
T-21-V-004		S-GLASS BOTTOM DRAIN		↓	↓	↓	↓	↓	↓	
T-21-V-005		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
T-21-V-006		BOTTOM OUTLET LINE - TO PUMP / OUT OF SERV.		↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#21

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-21-FL-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
T-21-FL-002		TO VENT SYSTEM		GV	↓	↓	V	N	↓	Inacc.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F #4 - T #21

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-21-OE-001		TOP LOAD LINE		LL	Atmos.	Monthly	21	N	10,000	
-21-OE-002		BOTTOM OUTLET		LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#22

Inspection Date: 6-19-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-22-V-001		SIDE-SAMPLE PORT		LL	ATMOS.	Monthly	V	N	10,000	
-22-V-002		BOTTOM OUTLET		LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HWMU Mngmnt. Unit: T.F#4-T#22

Inspection Date: 6-14-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-22-FL-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	V	N	10,000	
-22-FL-002		TO VENT SYSTEM		GV	↓	↓	↓	↓	↓	
-22-FL-003		SIDE HATCH		LL						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#22

Inspection Date: 6-14-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-22-OE-001		TOP LOAD LINE		LL	ATMOS	MONTHLY	✓	N	10,000	
-22-OE-002		BOTTOM OUTLET LINE		LL	↓	↓	✓	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#23

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-23-V-001		BOTTOM OUTLET LINE		LL	ATMOS	MONTHLY	21	N	10,000	
T-23-V-002		SIDE SAMPLE PORT		↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#23

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-23-FL-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
-23-FL-002		TO VENT SYSTEM		GV	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = pling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - T#23

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
-23-OE-001		TOP LOAD LINE		LL	ATMOS.	MONTHLY	21	N	10,000	
-23-OE-002		BOTTOM OUTLET LINE		LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4-T# KNOCK OUT TANK

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
O.T-V-001		S-GLASS BOTTOM		LL	ATMOS.	MONTHLY	21	N	10,000	
O.T-V-002		S-GLASS BOTTOM DRAIN		↓	↓	↓	↓	↓	↓	
O.T-V-003		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	
O.T-V-004		BOTTOM OUTLET LINE		↓	↓	↓	↓	↓	↓	

Notes -

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-000. Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: CHICAGO

HW Mngmnt. Unit: T.F#4 - KNOCKOUT TANK

Inspection Date: 6-14-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
O.T-OE-001		BOTTOM OUTLET		LL	ATmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

A Complete Test was done on This Tank Farm on 6-13-91. No Leaks were detected.

Sheet No. 1

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

Div Mngmnt. Unit: T.F.-#2 T-170

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-170-V-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-170-V-02			Bot. outlet drain	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

PU Mngmnt. Unit: T.F. - #2 T-170

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-170-FL-01			Bottom outlet - LL		Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE 0001 Open(Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T-F--#2 T-170

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-170-OE-01			BOTTOM OUTLET- LL		Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 0001 = Sampling Connection System
OE 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1 Mech = Single mechanical seal
2 Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-171

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-171-V-01			Bot. outlet drain	LL	Atmos.	Monthly	21	N	10,000	
T-171-V-02			Bottom outlet	↓	↓	↓	↓	↓	↓	
T-171-V-03			S-Glass bot.	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 Closed Vent System
- SS 0001 Sampling Connection System
- OE 0001 Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E.-#2 T-171

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-171-FL-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-171-FL-02			Top load line							
T-171-FL-03			Top load line							
T-171-FL-04			Top load line							
T-171-FL-05			Top load line							
T-171-FL-06			Top load line							
T-171-FL-07			Bottom outlet							
T-171-FL-08			Bottom outlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types:
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2 Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-171

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-171-OE-01			Top load line	LL	ATmos.	Monthly	21	N	10,000	
T-171-OE-02			BOT. OUTLET line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE 0001 Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: chicago

HW Mngmnt. Unit: T.F.-#2 T-172

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-172-V-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-172-V-02			S-glass bot.							
T-172-V-03			vent line drain							
T-172-V-04			vent line							
T-172-V-05			S-glass top							

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.#2 T-172

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-172-FL-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-172-FL-02			Bottom outlet							
T-172-FL-03			Top load line							
T-172-FL-03			Top load line							
T-172-FL-04			Top load line							
T-172-FL-05			Top load line							
T-172-FL-06			Top load line							
T-172-FL-07			Top load line							

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 001 Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. - #2 T-172

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-172-OE-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-172-OE-02			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
For Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-173

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-173-V-01			Bottom outlet	LL	Atmos	Monthly	21	N	10,000	
T-173-V-02			S. Glass top.	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Ing Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 000 Sampling Connection System
OE 0001 Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-173

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-173-FL-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-173-FL-02			Top load line							
T-173-FL-03			Top load line							
T-173-FL-04			Top load line							
T-173-FL-05			Top load line							
T-173-FL-06			Top load line							
T-173-FL-07			Bottom outlet							
T-173-FL-08			Bottom outlet							

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open (Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: T.F.-#2 T-173

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-173-0 E-01			BOTTOM OUTLET		Atmos	monthly	21	N		
T-173-0E-02			Top load line		↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000 Sampling Connection System
- OF 0001 = Open (Fixed) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

OUT OF SERVICE

HW Mngmnt. Unit: T.F.-#2 T-174

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-174-V-01			Bottom outlet	LL	Atmos.	Monthly			10,000	
T-174-V-02			Bot. outlet drain	↓	↓	↓			↓	

LEGEND:

Equipment Identification Ing Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Out of Service

Unit Mngmnt. Unit: T.F.-#2 T-174

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-174-FL-01			Bottom line	LL	Atmos.	Monthly			10,000	

LEGEND:

Equipment Identification Tag Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 000 Sampling Connection System
OP 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

OUT OF SERVICE

HW Mngmnt. Unit: T.F.-#2 T-174

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-174-OE-01			Bottom outlet	LL	Atmos.	Monthly			10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-175

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-174-V-01			Bottom outlet	LL	Atmos.	Monthy	21	N	10,000	
T-174-V-02			Bot. outlet drain	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos.

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE 0001 Open(-Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: T.F. - #2 T-175

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-178-FL-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-178-FL-02			Top load line							
T-178-FL-03			Top load line							
T-178-FL-04			Top load line							
T-178-FL-05			Top load line							
T-178-FL-06			Top load line							
T-178-FL-07			Bottom outlet							
T-178-FL-08			Bottom outlet							

LEGEND:

Equipment Identification Tag Nos. -

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2 Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. - #2 T-175

Inspection Date: 06-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-175-OE-01			BOTTOM outlet	LL	ATMOS	Monthly	21	N	10,000	
T-175-OE-02			TOP load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Ing Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 000 Sampling Connection System
or 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-176

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-176-V-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA-0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. - #2 T-176

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-176-FL-01			Bottom outlet	LL	ATMOS.	Monthly	21	N	10,000	
T-176-FL-02			Bottom outlet							
T-176-FL-03			Bottom outlet							
T-176-FL-04			Top load line							
T-176-FL-05			Top load line							
T-176-FL-06			Top load line							
T-176-FL-07			Top load line							
T-176-FL-08			Top load line							

LEGEND:

Equipment Identification Ing Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 00 Sampling Connection System
- or 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-176

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-176-OE-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-176-OE-02			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos.
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-177

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-177-V-01			Bottom outlet-LL		Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 000 Sampling Connection System
OE 0001 = Open(Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

Hwy Mngmnt. Unit: T.F.-#2 T-177

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-177-FL-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-177-FL-02			Bottom outlet							
T-177-FL-03			Top load line							
T-177-FL-04			Top load line							
T-177-FL-05			Top load line							
T-177-FL-06			Top load line							
T-177-FL-07			Top load line							
T-177-FL-08			Top load line							
T-177-FL-09			Top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OV 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-177

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-177-OE-01			Bottom outlet	LL	ATmos.	Monthly	21	N	10,000	
T-177-OE-02			Top load line	↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Ing Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV 0001 = Closed Vent System
SS 000 Sampling Connection System
OE 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service
G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-178

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-178-V-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10.000	
T-178-V-02			Aux. line 5,000 gal. wash drain							
T-178-V-03			Aux. line 5,000 gal. wash							
T-178-V-04			Aux. line 5,000 gal. wash - Blow out							
T-178-V-05			Top load line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FI 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-178

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-178-FL-01			Vent	GV	ATmos	MonThy	21	N	10,000	
T-178-FL-02			Aux.Top wash line	LL	↓	↓	↓	↓	↓	
T-178-FL-03			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 000 Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWI Mngmnt. Unit: T.F.-#2 T-178

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-178-OE-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-178-OE-02			Aux. top wash line							
T-178-OE-03			Top load line							
T-178-OE-04			Aux. 5,000 gal. wash-line							

LEGEND:

Equipment Identification Ing Nos. -

- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types

Pumps

- Packed = Stuffing box seal
- 1-Mech = Single mechanical seal
- 2-Mech = Double mechanical seal

Pressure Relief Devices

- RV = Relief valve
- RD = Rupture Disc

Service

- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWI Mngmnt. Unit: T.F.-#2 T-179

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-179-V-01			Bottom outlet - LL		Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 000(Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-179

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-179-FL-01			vent	- GV	ATMOS	Monthly	21	N	10,000	
T-179-FL-02			Top load line	- LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-179

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-179-OE-01			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-179-OE-02			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU 0001 = Pump
- VA 0001 = Valve
- PR 0001 = Pressure Relief Device
- FL 0001 = Pipeline Flange
- CV 0001 = Closed Vent System
- SS 0001 = Sampling Connection System
- OE 0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2

Inspection Date: 6-13-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-180-V-01			BottomOutlet-LL		ATmos.	MonThly	21	N	10,000	

LEGEND:

Equipment Identification Ing Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#2 T-180

Inspection Date: 6/3-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-180-FL-01			vent	GV	ATmos.	Monthly	21	N	10,000	
T-180-FL-02			Top load line	LL	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -

PU 0001 = Pump
VA 0001 = Valve
PR 0001 = Pressure Relief Device
FL 0001 = Pipeline Flange
CV-0001 = Closed Vent System
SS 0001 = Sampling Connection System
OE 01 = Open(-Ended) Valve or Line

Equipment Types

Pumps
Packed = Stuffing box seal
1-Mech = Single mechanical seal
2-Mech = Double mechanical seal

Pressure Relief Devices
RV = Relief valve
RD = Rupture Disc

Service

G/V = Gas/Vapor
LLS = Light Liquid Service
HLS = Heavy Liquid Service

Notes

A Complete Test was done on This Tank Farm
On 6-12-91
Only Two Leaks were detected T-102 Page #1 &
T-106 page #1 Repaired 6-12-91

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.#1 T-100

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-100-V-001			Top load line	LL	Atmos	Monthly	21	N	10,000	
T-100-V-003			Vent line	GV						
T-100-V-004			Top load line	LL						
T-100-V-005			Bot. outlet	LL						
T-100-V-006			Bot. outlet drain	LL						
T-100-V-007			Level ind. line	LL						
T-100-V-008			Level ind. line	LL						
T-100-V-009			Level ind. line	GV						
T-100-V-010			Level ind. line	GV						
T-100-V-011			Level ind. line	LL						
T-100-V-012			Top load line	LL						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-100

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-100-FL-001			Top load line	LL	Atmos.	Monthly	21	N	10,000	
T-100-FL-002			Top load line							
T-100-FL-003			Top load line							
T-100-FL-004A			Top load line							
T-100-FL-004B			Top load line							
T-100-FL-005			vent line	GV						
T-100-FL-006			vent line	GV						
T-100-FL-007			Top load line	LL						
T-100-FL-008			Level ind. line	GV						
T-100-FL-009			side hatch blind	LL						
T-100-FL-010			Bottom outlet							
T-100-FL-011			side hatch							
T-100-FL-012			Bottom outlet							
T-100-FL-013			Bottom outlet							
T-100-FL-014			Level ind. line blind	GV						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-100

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-100-FL-015			Top of Tank blind	GV	Atmos.	Monthly	21	N	10,000	
T-100-FL-016			Top of Tank blind							
T-100-FL-017			Top of Tank blind							
T-100-FL-018			Top of Tank blind							
T-100-FL-023			Top of Tank blind							
T-100-FL-024			Level ind. line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-100

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-100-OE-001			Top load line – LL		Atmos.	Monthly	21	N	10,000	
T-100-OE-002			Bottom outlet – LL		Atmos.	Monthly	21	N	10,000	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

BW Mngmnt. Unit: T.F.-#1 T-101

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-101-V-001			Top load line	LL	Atmos.	Monthly	21	N	10,000	
T-101-V-003			Vent line	GV						
T-101-V-004			Top load line	LL						
T-101-V-005			Bottom outlet							
T-101-V-006			Bot. outlet drain							
T-101-V-007			Level ind. line							
T-101-V-008			Level ind. line							
T-101-V-009			Level ind. line	GV						
T-101-V-010			Level ind. line	GV						
T-101-V-011			Level ind. line	LL						
T-101-V-012			Top load line drain	LL						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-101

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-101-FL-001			Top load line	LL	Atmos.	Monthly	21	N	10,000	
T-101-FL-002			Top load line							
T-101-FL-003			Top load line							
T-101-FL-004A			Top load line							
T-101-FL-004B			Top load line							
T-101-FL-005			Vent line	GV						
T-101-FL-006			Vent line	GV						
T-101-FL-007			Top load line	LL						
T-101-FL-008			Level ind. line	GV						
T-101-FL-009			Side hatch blind	LL						
T-101-FL-010			Bottom outlet							
T-101-FL-011			Side hatch							
T-101-FL-012			Bottom outlet							
T-101-FL-013			Bottom outlet							
T-101-FL-014			Level ind. line blind	GV						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

BU Mngmnt. Unit: T.F.-#1 T-101

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks:
T-101-FL-015			TOP OF Tank blind	GV	ATmos.	MonThly	21	N	10,000	
T-101-FL-016			TOP OF Tank blind							
T-101-FL-017			TOP OF Tank blind							
T-101-FL-018			TOP OF tank blind							
T-101-FL-023			TOP OF Tank blind							
T-101-FL-024			Level ind. line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-101

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-101-OE-001			Top load line -	LL	ATmos	MonThly	21	N	10,000	
T-101-OE-002			BoTTom oUTleT-	LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-102

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-102-V-001			Pump outlet line	LL	Atmos.	Monthly	21	N	10,000	
T-102-V-002			Pump outlet line							
T-102-V-003			Blow out line							
T-102-V-004			Pump outlet line							
T-102-V-005			Pump drain							
T-102-V-006			Press. indicator							
T-102-V-007			Pump inlet line							
T-102-V-008			Aux. Pump inlet line							
T-102-V-009			Bottom outlet line					0 on meter leak was detected visually and repaired on 6-12-91		
T-102-V-010			Side outlet line					N		
T-102-V-011			Top load line							
T-102-V-012			Top load line							
T-102-V-013			Strainer drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-102

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-102-FL-001			Pump outlet	LL	Atmos.	Monthly	21	N	10,000	
T-102-FL-002			Pump outlet							
T-102-FL-003			Pump outlet							
T-102-FL-004			Pump outlet							
T-102-FL-005			Pump outlet							
T-102-FL-006			Pump outlet							
T-102-FL-007			Pump outlet							
T-102-FL-008			Aux. Pump inlet							
T-102-FL-009			Aux. Pump inlet							
T-102-FL-010			Side outlet							
T-102-FL-011			Side outlet							
T-102-FL-012			Side hatch							
T-102-FL-013			Top load line				Y			Inacc.
T-102-FL-014			Top load line				Y			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-C = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identificat and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-102

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-102-FL-015			TOP load line	LL	ATMOS.	Monthly	V	N	10,000	Inacc.
T-102-FL-016			TOP load line							
T-102-FL-017			TOP load line							
T-102-FL-018			Pump inlet				21			
T-102-FL-019			Pump inlet				21			
T-102-FL-020			Pump inlet				21			
T-102-FL-021			Pump inlet				21			
T-102-FL-022			Pump inlet				21			
T-102-FL-023			Pump inlet				21			
T-102-FL-024			TOP load line				21			
T-102-FL-025			Bottom outlet				21			
T-102-FL-026			Vent	G.V			V			Inacc.

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E.-#1 T-102

Inspection Date: 8-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-102-OE-001			Aux. Pump inlet	LL	Atmos.	Monthly	21	N	10,000	
T-102-OE-002			Top load line	↓	↓	↓	↓	↓	↓	
T-102-OE-003			Pump outlet line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-103

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-103-V-001			Strainer drain	LL	Atmos.	Monthly	21	N	10,000	
T-103-V-002			Pump inlet							
T-103-V-003			Pump inlet drain							
T-103-V-004			Pump outlet drain							
T-103-V-005			Pump outlet							
T-103-V-006			Blow out line							
T-103-V-007			Pump outlet							
T-103-V-008			Press. indicator							
T-103-V-009			Aux. Pump inlet							
T-103-V-010			Bottom outlet							
T-103-V-011			side outlet							
T-103-V-012			Top load line							
T-103-V-013			Top load line drain							
T-103-V-014			Sample port							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-103

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-103-FL-001			Pump outlet	LL	Atmos.	Monthly	21	N	10,000	
T-103-FL-002			Pump outlet				21	N		
T-103-FL-003			Pump outlet							
T-103-FL-004			Pump outlet							
T-103-FL-005			Pump outlet							
T-103-FL-006			Pump outlet							
T-103-FL-007			Pump inlet							
T-103-FL-008			Pump inlet							
T-103-FL-009			Pump inlet							
T-103-FL-010			Pump inlet							
T-103-FL-011A			Pump inlet							
T-103-FL-011B			Pump inlet							
T-103-FL-012			Aux. Pump inlet							
T-103-FL-013			Aux. Pump inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. #1 T-103

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-103-FL-014			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-103-FL-015			side outlet				21	N		
T-103-FL-016			side outlet				21	N		
T-103-FL-017			top load line				21	N		
T-103-FL-018			top load line				21	N		
T-103-FL-019			side hatch				21	N		
T-103-FL-020			Top of tank blind				V	N		INACC
T-103-FL-021			Top of tank blind				V	N		INACC
T-103-FL-022			Top of tank blind				21	N		
T-103-FL-023			Pump outlet							
T-103-FL-024			Pump outlet							
T-103-FL-025			Pump outlet							
T-103-FL-026			top load line				V	N		INACC
T-103-FL-027			top load line				V	N		INACC
T-103-FL-028			top load line				V	N		INACC
T-103-FL-029			vent	G.V			V	N		INACC

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-103

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-103-OE-001			Pump outlet	LL	Atmos.	Monthly	21	N	10,000	
T-103-OE-002			Top load line	↓	↓	↓	↓	↓	↓	
T-103-OE-003			Aux. Pump inlet	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-104

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-104-V-001			Pump outlet	LL	Atmos.	Monthly	21	N	10,000	
T-104-V-002			Blow out line							
T-104-V-003			Pump outlet							
T-104-V-004			Pump outlet drain							
T-104-V-005			Press. indicator							
T-104-V-006			Bottom outlet							
T-104-V-007			Aux. Pump inlet							
T-104-V-008			Strainer drain							
T-104-V-009			~~Bottom outlet~~ Bot. line							
T-104-V-010			Side outlet							
T-104-V-011			Side outlet							
T-104-V-012			Top load line drain							
T-104-V-013			Top load line							
T-104-V-014			Pump inlet							
T-104-V-015			Strainer drain SIDE LINE							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-104

Inspection Date: 6-17-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-104-FL-001			Pump outlet	LL	Atmos.	Monthly	21	N	10,000	
T-104-FL-002			Pump outlet							
T-104-FL-003			Pump outlet							
T-104-FL-004			Pump outlet							
T-104-FL-005			Pump outlet							
T-104-FL-006			Pump inlet							
T-104-FL-007			Pump outlet							
T-104-FL-008			Pump outlet							
T-104-FL-009			side outlet							
T-104-FL-010			side outlet							
T-104-FL-011			Pump inlet							
T-104-FL-012			Pump inlet							
T-104-FL-013			Pump inlet							
T-104-FL-014			Pump inlet							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-104

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-104-FL-015			Pump inlet	LL	Atmos.	Monthly	21	N	10,000	
T-104-FL-016			Pump inlet							
T-104-FL-017			Pump inlet							
T-104-FL-018			Aux. Pump inlet							
T-104-FL-019			Aux. Pump inlet							
T-104-FL-020			Blind side of Tank							
T-104-FL-021			Top load line							
T-104-FL-022			Top load line							
T-104-FL-023			Top load line							
T-104-FL-024			Top load line							
T-104-FL-025			Blind top of Tank							
T-104-FL-026A			Vent	GV						
T-104-FL-026B			Vent	GV						
T-104 FL-027			Blind top of Tank	LL						Inace.
~~T-104 FL-028~~			~~Side hatch~~	~~LL~~			~~21~~			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-104

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-104-OE-001			Pump outlet	LL	ATmos	MonThy	21	N	10,000	
T-104-OE-002			Aux. pump inlet	↓	↓	↓	↓	↓	↓	
T-104-OE-003			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-105

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-104-V-001			Bottom outlet	- LL	Atmos.	Monthly	21	N	10,000	
T-104-V-002			Top load line drain	- LL	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E.-#1 T-105

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-105-FL-001			Bottom outlet	LL	Atmos.	Monthy	21	N	10,000	
T-105-FL-002			Blind side of Tank	↓	↓	↓	↓	↓	↓	
T-105-FL-003			Side hatch	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-105

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-105-OE-001			Bottom outlet	LL	Atmos.	Monthy	21	N	10,000	
T-105-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

IWI Mngmnt. Unit: T.F.-#1 T-106

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-106-V-001			Bottom outlet	LL	Atmos.	Monthly	21	On meter leak N	10,000	was detected visually and repaired on 6-12-91
T-106-V-002			Bot. outlet drain	↓	↓	↓	↓	↓	↓	
T-106-V-003			Top load line drain	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. - #1 T-106

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-106-FL-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-106-FL-002			Blind side of tank	↓	↓	↓	↓	↓	↓	
T-106-FL-003			side hatch	↓	↓	↓	↓	↓	↓	
T-106-FL-004			Top load line	↓	↓	↓	↓	↓	↓	Inacc.
T-106-FL-005			Top load line	↓	↓	↓	21	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-106

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-106-OE-001			BOTTOM OUTLET	LL	ATmos.	Monthly	21	0	10,000	
T-106-OE-002			TOP load line	↓	↓	↓	21	0	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWI Mngmnt. Unit: T.F.-#1 T-107

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-107-V-001			BOT. OUTLET	LL	ATmos.	Monthly	21	N	10,000	
T-107-V-002			side OUTLET	↓	↓	↓	↓	↓	↓	
T-107-V-003			TOP load line drain	↓	↓	↓	↓	↓	↓	
T-107-V-004			BOT. OUTLET drain	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F. - #1 T-107

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-107-FL-001			Bottom outlet	LL	Atmos	Monthly	21	N	10,000	
T-107-FL-002			side outlet							
T-107-FL-003			side hatch							
T-107-FL-004			top load line							Inacc.
T-107-FL-005			top load line				21			

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-107

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-107-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-107-OE-002			side outlet	↓	↓	↓	↓	↓	↓	
T-107-OE-003			Top load line	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E.-#1 T-108

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-108-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-108-V-002			Bot. outlet drain							
T-108-V-003			TDP load line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HWM Mngmnt. Unit: T. F. - #1 T-108

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-108-FL-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-108-FL-002			Blind side of tank							
T-108-FL-003			side hatch							
T-108-FL-004			top load line							
T-108-FL-005			top load line							
T-108-FL-006			top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-108

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-108-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-108-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-109

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-109-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-109-V-002			Bot. outlet drain	↓	↓	↓	↓	↓	↓	
T-109-V-003			Top load line drain	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-109

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-109-FL-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-109-FL-002			Blind side of tank							
T-109-FL-003			side hatch							
T-109-FL-004			Top load line							
T-109-FL-005			Top load line							
T-109-FL-006			Top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E.-#1 T-109

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-109-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-109-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F-#1 T-110

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-110-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-110-V-002			Bot. outlet drain	↓	↓	↓	21	N	↓	
T-110-V-003			Top load line drain	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.E-#1 T-110

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-110-FL-001			Bottom outlet	LL	Atmos.	Monthly	J)	N	10,000	
T-110-FL-002			Blind-side of tank							
T-110-FL-003			side hatch							
T-110-FL-004			top load line							
T-110-FL-005			top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-110

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-110-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-110-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F-#1 T-111

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-111-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-111-V-002			Bot. outlet drain	↓	↓	↓	↓	↓	↓	
T-111-V-003			Top load line drain	↓	↓	↓	↓	↓	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-111

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-111-FL-001			BOTTOM OUTLET	LL	ATmos.	MonThly	21	N	10,000	
T-111-FL-002			Blind side of Tank							
T-111-FL-003			side hatch							
T-111-FL-004			Top load line							
T-111-FL-005			Top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-111

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-111-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-111-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-112

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-112-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-112-V-002			side hatch outlet							
T-112-V-003			side hatch outlet drain							
T-112-V-004			Bot. outlet drain							
T-112-V-005			Top. load line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-112

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-112-FL-001			Bottom outlet	LL	Atmos	Monthly	21	N	10,000	
T-112-FL-002			Blind-side of Tank							
T-112-FL-003			side hatch							
T-112-FL-004			side hatch outlet							
T-112-FL-005			Top load line							
T-112-FL-006			Top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-112

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-112-OE-001			Bottom outlet	LL	Atmos.	Monthy	21	N	10,000	
T-112-OE-002			Side hatch outlet	↓	↓	↓	21	N	↓	
T-112-OE-003			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-113

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-113-V-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-113-V-002			Bot. outlet drain							
T-113-V-003			Top load line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-113

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-113-FL-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-113-FL-002			Blind side of Tank							
T-113-FL-003			Side hatch							
T-113-FL-004			Top load line							
T-113-FL-005			Top load line							
T-113-FL-006			Top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-113

Inspection Date: 6-12-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-113-OE-001			Bottom outlet	LL	Atmos.	Monthly	21	N	10,000	
T-113-OE-002			Top load line	↓	↓	↓	21	N	↓	

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 1

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-114

Inspection Date: 6-12-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-114-V-001			Bottom outlet	LL	Atmos.	Monthy	V	N	10,000	
T-114-V-002			Bot. outlet drain							
T-114-V-003			Side outlet							
T-114-V-004			side outlet drain							
T-114-V-005			10,000 gal. wash							
T-114-V-006			10,000 gal. Aux. con.							
T-114-V-007			10,000 gal. wash drain							
T-114-V-008			Top wash line drain							
T-114-V-009			Top load line drain							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-114

Inspection Date: 6-12-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-114-FL-001			Bottom outlet	LL	Atmos.	Monthy	V	N	10,000	
T-114-FL-002			Side outlet							
T-114-FL-003			Top load line							
T-114-FL-004			Top load line							
T-114-FL-005			Top load line							
T-114-FL-006			Top wash line							
T-114-FL-007			Top wash line							
T-114-FL-008			Top wash line							
T-114-FL-009			10,000 gal. wash							
T-114-FL-010			10,000 gal. wash							
T-114-FL-011			10,000 gal. wash							
T-114-FL-12			side hatch							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Identification and Monitoring Record
for Federal Equipment Leak Standards

Sheet No. 3

Facility: Chicago

HW Mngmnt. Unit: T.F.-#1 T-114

Inspection Date: 6-12-91 NOT IN USE

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
T-114-OE-001			Bottom outlet	LL	Atmos.	Monthy	V	N	10,000	
T-114-OE-002			side outlet							
T-114-OE-003			10,000 gal. wash							
T-114-OE-004			top wash							
T-114-OE-005			top load line							

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = C[illegible]ed Vent System
- SS-0001 = S[illegible]ing Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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Bed #1 Tested on 6-4-91 while running SKIFRON F.P. & Bed #3 Tested on 6-25-91 while running Freon. Bed #1 under 10 PSI & Bed #3 under 8 PSI Press. Note Bed #2 was NOT Tested due That IT was not in use during This Month. No Leaks detected.

Sheet No. 1

Identification and Monitoring Record for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER - BED #1

Inspection Date: 06-04-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-1-V-0350		BED OUTLET		LL	10 PSI Press	Monthly	21	N		
BED-1-V-0351		BED OUTLET DRAIN		LL						
BED-1-V-0354		BED INLET		LL						
BED-1-V-0355		BED INLET DRAIN		LL						
BED-1-V-0353		BED AUX. DRAIN		LL						
BED-1-V-0352		BED OUTLET AUX. DRAIN		LL						
BED-1-V-0371		BED TOP PSI GAUGE		LL						
BED-1-V-0368		BED AIR INLET		LL						
BED-1-V-0369		BED AIR OUTLET		LL						
BED-1-V-0370		BED AIR OUTLET PSI GAUGE		LL						

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #1

Inspection Date: 06-04-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-1-FL-0340		BED INLET		LL	10 PSI Press.	Monthly	21	N		
BED-1-FL-0341		BED INLET								
BED-1-FL-0342		BED Side (BLIND)								
BED-1-FL-0352		BED TOP (BLIND)								
BED-1-FL-0351		BED AIR INLET								
BED-1-FL-0350		BED Liquid OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 3

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #1

Inspection Date: 06-04-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-1-OE-0035		BED OUTLET		LL	10 PSI Press	Monthly	21	N		
BED-1-OE-0037		BED INLET		↓	↓	↓	↓	↓		
BED-1-OE-0036		BED AUX. DRAIN		↓	↓	↓	↓	↓		
BED-1-OE-0045		AIR OUTLET		↓	↓	↓	↓	↓		
BED-1-OE-0044		AIR INLET		↓	↓	↓	↓	↓		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 4

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #2

Inspection Date: _____

NOTE bed #2 was NOT in use during This Month

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-2-V-0360		BED INLET								
BED-2-V-0361		BED INLET drain								
BED-2-V-0356		BED OUTLET								
BED-2-V-0357		BED OUTLET drain								
BED-2-V-0359		BED AUX. drain								
BED-2-V-0358		BED OUTLET AUX. drain								
BED-2-V-0374		BED TOP PSI GAUGE								
BED-2-V-0375		BED AIR INLET								
BED-2-V-0372		BED AIR OUTLET								
BED-2-V-0373		BED AIR OUTLET PSI GAUGE								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 5

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER- BED #2

Inspection Date: _____

Note bed #2 was not in use during This Month

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-2-FL-0344		BED INLET								
BED-2-FL-0343		BED INLET								
BED-2-FL-0346		BED Side (BLIND)								
BED-2-FL-0355		BED TOP (BLIND)								
BED-2-FL-0354		BED AIR INLET								
BED-2-FL-0353		BED LIQUID OUTLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open (Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 6

Identification and Monitoring Record
for Federal Equipment Leak Standards

NOTE bed #2 was NOT in use during this Month

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #2

Inspection Date: _____

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-2-OE-0038		BED OUTLET								
BED-2-OE-0040		BED INLET								
BED-2-OE-0039		BED AUX. DRAIN								
BED-2-OE-0046		BED AIR OUTLET								
BED-2-OE-0047		BED AIR INLET								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-000 Closed Vent System
- SS-000 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 2

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #3

Inspection Date: 06-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-3-V-0366		BED INLET		LL	8 PSI Press	Monthly	21	N		
BED-3-V-0367		BED INLET drain								
BED-3-V-0362		BED OUTLET								
BED-3-V-0363		BED OUTLET drain								
BED-3-V-0365		BED Aux. drain								
BED-3-V-0364		BED OUTLET Aux. drain								
BED-3-V-0378		BED TOP PSI GAUGE								
BED-3-V-0379		BED AIR INLET								
BED-3-V-0376		BED AIR OUTLET								
BED-3-V-0377		BED AIR OUTLET PSI GAUGE								
Cooler-V-0380		Cooler drain line								
Cooler-V-0381		Cooler drain line								

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 8

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #3

Inspection Date: 06-25-91

Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-3-FL-0347		BED INLET		LL	8 PSI Press	Monthly	21	N		
BED-3-FL-0348		BED INLET								
BED-3-FL-0349		BED SIDE (BLIND)								
BED-3-FL-0358		BED TOP (BLIND)								
BED-3-FL-0357		BED AIR INLET								
BED-3-FL-0356		BED LIQUID OUTLET								
Cooler-FL-0359		Cooler Inlet line		LL	8 PSI Press	Monthly	21	N		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-00(Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

Sheet No. 9

Identification and Monitoring Record
for Federal Equipment Leak Standards

Facility: Chicago

HW Mngmnt. Unit: DRYER-BED #3

Inspection Date: _____

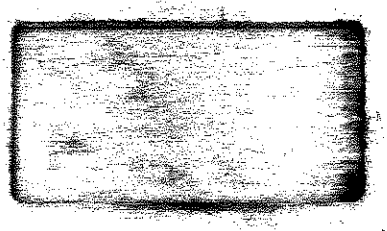
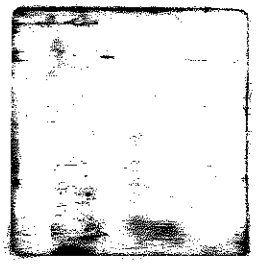
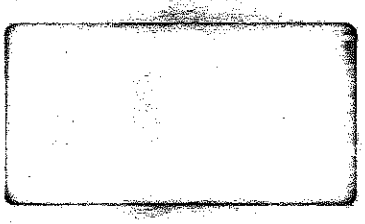
Equip. Ident.	Equip. Type	Dwg. Ref. No.	Line Ident.	Type of Service	Atmos., Press. or Vacuum Svc.	Detection Frequency	Detect. Method	Leak (Y/N)	Screening Value (PPM)	Remarks
BED-3-DE-0041		BED OUTLET		LL	8 PSI Press	Monthly	21	N		
BED-3-DE-0043		BED INLET								
BED-3-DE-0042		BED AUX. DRAIN								
BED-3-DE-0049		AIR OUTLET								
BED-3-DE-0048		AIR INLET								
Cooler-DE-0050		Cooler inlet line		LL	8 PSI Press	Monthly	21	O		

LEGEND:

Equipment Identification Tag Nos. -
- PU-0001 = Pump
- VA-0001 = Valve
- PR-0001 = Pressure Relief Device
- FL-0001 = Pipeline Flange
- CV-0001 = Closed Vent System
- SS-0001 = Sampling Connection System
- OE-0001 = Open(-Ended) Valve or Line

Equipment Types -
- Pumps
  - Packed = Stuffing box seal
  - 1-Mech = Single mechanical seal
  - 2-Mech = Double mechanical seal
- Pressure Relief Devices
  - RV = Relief valve
  - RD = Rupture Disc

Service -
- G/V = Gas/Vapor
- LLS = Light Liquid Service
- HLS = Heavy Liquid Service

Notes -

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