4 CRUDE MAJOR EWO NO. :	BE312-O1	REV: 0

PLANT:	4 CRUDE	SAP COST CENTER:	DD173-EXP
W/O # 313129-001		PROJECT / OUTAGE #:	SDD108A

V-1100 OP'S BLIND LIST

MOC #:

Level 1 - Management of Change Review

Will This Change:

- [ ] Cause the use of different feeds, chemicals, or catalysts?
- [ ] Cause the use of different process conditions, instrumentation, process control, or affect upstream/downstream plants?
- [ ] Cause the use of new or modified equipment (which is other than in-kind)?
- [ ] Alter equipment siting, building, trailer locations, roads, or fire protection?
- [ ] Require modifying existing and/or developing new procedures?
- [ ] Affect employee emergency response due to an organizational change?
- [ ] Transfer the responsibility for any environmental, health, or safety-related task?
- [ ] Alter the permanent staffing level or organization of any safety-sensitive job?

SAFETY OPERATOR	IN VOC SERVICE?	IN PLANT WELDING?
[X] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [X] No

APPROVALS

OPERATIONS :	K. Sohnrey	DATE: 9/14/10	PHONE: 2-2042
IMPACT. T.L :	S. Woolley	DATE: 9/15/10	PHONE: 2-5404
MAINTENANCE:	M. Paulson	DATE: 9/16/10	PHONE: 2-1708

R. RAMIREZ

SEP 16 2010

Prepared By _____ Approved By: _____

Bl. d List

ABU: D&R	AREA: Distillation	PLANT: 4Crude	Impact Team Leader: SCOTT WOOLLEY
EWO NUMBER: BE312-O1	EQUIPMENT: 4Q 11 4CU S/D - V-1100 BLIND LIST		Maintenance Supervisor: MARK PAULSON
PASSPORT No: 313129-001	SHUTDOWN 2011 4CU SHUTDOWN		Impact Supervisor: BRUCE SMITH
			Operations Coordinator: KENNETH SOHNREY

ISOLATION TAG TRACKING SECTION																
TAG NUMBER	Date / Init E	D	Date / Init C	B	Date / Init A	DESCRIPTION / LOCATION	FLANGE SIZE (in.)	Rating	Type	Purpose of Isolation	Type of Isolation	Service	STAGING REQ'D	FRESH AIR REQ'D
V00-001 System No: 12						V1100 Inlet From E1100's PID No: D-308314-2	24"	300	RF	Entry	Blind	NAPTHA	Yes	No
V00-002 System No: 12						V1100 Off Gas To V1170 PID No: D-308314-2	12"	300	RF	Entry	Blind	Off Gas	Yes	No
V00-003 System No: 12						Top Of V1100 Future Off Gas Connection (Already BM'd) PID No: D-308314-2	2.0"	300	RF	Entry	Boilermaker	Off Gas	No	No
V00-004 System No: 12						Top Lead To 11LT001 (V1100 Naptha) PID No: D-308314-2	0.75"	Plug	Tubing	Entry	Break & Plug	NAPTHA	Yes	No
V00-005 System No: 12						Bottom lead To 11LT001 (V1100 Naptha) PID No: D-308314-2	0.75"	Plug	Tubing	Entry	Break & Plug	NAPTHA	No	No
V00-006 System No: 12						V1100 Naptha Outlet To P1100's PID No: D-308314-2	14"	300	RF	Entry	Blind	NAPTHA	No	No
V00-007 System No: 12						V1100 Boot Top Lead To 11LT002 (V1100 H2O) PID No: D-308314-2	0.75"	Plug	RF	Entry	Break & Plug	Sour Water	No	No
V00-008 System No: 12						V1100 Boot Bottom Lead To 11LT002 PID No: D-308314-2	0.75"	Plug	Tubing	Entry	Break & Plug	Sour Water	No	No
V00-009 System No: 12						V1100 Boot Sour Water To P1103's PID No: D-308314-2	6"	300	RF	Entry	Blind	Sour Water	Yes	No

System: 1-Utility; 2-Condensate; 3-150 lb Steam; 4-500 lb Steam; 5-850 lb Steam; 6-Relief; 7-LPBFW; 8-HPBFW; 9-Feed; 10-Distillation; 11-Reactor; 12-H2; 13-Fuel Gas; 14-Cooling Water; 15-Chemical; 16-Furnaces; 17-Compressor; 18-Product; 19-15# Steam

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Prepared By: Approved By:

Bl d List

ABU: D&R	AREA: Distillation	PLANT: 4Crude	Impact Team Leader: SCOTT WOOLLEY
EWO NUMBER: BE312-O1	EQUIPMENT: 4Q 11 4CU S/D - V-1100 BLIND LIST		Maintenance Supervisor: MARK PAULSON
PASSPORT No: 313129-001	SHUTDOWN 2011 4CU SHUTDOWN		Impact Supervisor: BRUCE SMITH
			Operations Coordinator: KENNETH SOHNREY

ISOLATION TAG TRACKING SECTION

TAG NUMBER	Date / Init E	D	Date / Init C	B	Date / Init A	DESCRIPTION / LOCATION	FLANGE SIZE (in.)	FLANGE Rating	FLANGE Type	Purpose of Isolation	Type of Isolation	Service	STAGING REQ'D	FRESH AIR REQ'D
V00-010 System No: 2.2						V1100 Steam Out PID No: D-308314-2	2.0"	300	RF	Entry	Blind	Steam	No	No
V00-011 System No: 12						Bottom Lead To 11LG002 V1100 Boot PID No: D-308314-2	2.0"	300	RF	Entry	Blind	Sour Water	No	No
V00-012 System No: 12						Top Lead To 11LG002 (V1100 Boot) PID No: D-308314-2	2.0"	300	RF	Entry	Blind	Sour Water	No	No
V00-013 System No: 12						Bottom Lead To 11LT001/Gauge Glass (Naptha) PID No: D-308314-2	2.0"	300	RF	Entry	Blind	NAPTHA	No	No
V00-014 System No: 12						Top Lead To LT011/Gage Glass (V1100 Naptha) PID No: D-308314-2	2.0"	300	RF	Entry	Blind	NAPTHA	Yes	No

System: 1-Utility; 2-Condensate; 3-150 lb Steam; 4-500 lb Steam; 5-850 lb Steam; 6-Relief; 7-LPBFW; 8-HPBFW; 9-Feed; 10-Distillation; 11-Reactor; 12-H2; 13-Fuel Gas; 14-Cooling Water; 15-Chemical; 16-Furnaces; 17-Compressor; 18-Product; 19-15# Steam

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