4 CRUDE MAJOR EWO NO. :	BE102-O2	REV: 2

PLANT:	4 CRUDE	SAP COST CENTER:	DD173-EXP
W/O # 313079-001		PROJECT / OUTAGE #:	SDD108A

OP'S EXTRA PROCESS VALVE 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: 6/15/11	PHONE: 2-2042
IMPACT. T.L :	M. Greenfield	DATE: 6/15/11	PHONE: 2-1179
MAINTENANCE:	V. Massaro	DATE: 6/15/11	PHONE: 2-5995

REMOVE VALVE #81 FROM LIST

R. RAMIREZ

JUN 15 2011

D&R Distillation

Valve Repair List

26 #	313079-001	Process Area: **Distillation**	Plant: **4Crude**	Impact Team Leader: SCOTT WOOLLEY	
EWO #	**BE102-O1**	Type of List: **Process Valve List**		Impact Supervisor: BRUCE SMITH	
MOC #		Shutdown Title: **2011 Major**	List Rev Date: 5/2/2011 11:35:13 AM	Maint. Supervisor: MARK PAULSON	
				Ops. Coordinator: KENNETH SOHNREY	

Tag Number	Sys No	Size (in.)	Valve Type	Valve Rating	Gasket Type	VOC No / MOC No	Location: Line# / PipeClass	Insp Drwg No.	P&ID No.	Service	Tag Section Removed E Date Init	D Date Init	C Date Init	B Date Init	A Date Init	Work #	Staging	Fresh Air
XVLV-051	12	12"	Gate Valve	300	Flex		P-1100A Suction Block Valve			Naphtha						7	Yes	No
							0955-003-005		D-308314-2	**Other Work:**	Leaks by							
XVLV-052	12	6"	Gate Valve	300	Flex		P-1100A Discharge Block Valve			Naphtha						7	No	No
							0955-003-006		D-308314-2	**Other Work:**								
XVLV-054	2.2	0.75"	Gate Valve		Welded		V-1177 3/4' Warm-Up Line			150# Steam						2	No	No
									D-308336-1	**Other Work:**	Valve frozen							
XVLV-055	2.2	1"	Gate Valve		Welded		V-1177 3/4' Warm-Up Line			150# Steam						2	No	No
									D-308336-1	**Other Work:**	Valve frozen							
XVLV-056	2.2	0.75"	Gate Valve		Welded		V-1177 3/4' Warm-Up Line Bleeder Valve			150# Steam						2	No	No
									D-308336-1	**Other Work:**	Valve frozen							
XVLV-057	10	2.0"	Gate Valve		Flex		K-1179 Inlet Block Valve			7 S/C						7	No	No
							0955-012-003		308352	**Other Work:**	Leaks by							
XVLV-058	03	3"	Gate Valve		Flex		11FV752 Upstream Block Valve			LPBFW						7	No	No
							0955-027-004		D-336673-6	**Other Work:**	Leaks by							
XVLV-059	2.2	0.75"	Gate Valve		Welded		150# Steam to SARCO Pot A Inlet			150# Steam						2	Yes	No
									D-311337-2	**Other Work:**	Valve frozen							
XVLV-060	2.2	0.75"	Gate Valve		Welded		150# Steam to SARCO Pot B Inlet			150# Steam						7	No	No
									D-311337-2	**Other Work:**	Valve frozen							
XVLV-061	2.2	0.75"	Gate Valve		Welded		850# Steam Trap to 150# Steam Header D/S Block Valve (UPLM)			150# Steam						5	Yes	No
									D-308340-1	**Other Work:**	Valve leaks							

Work Note: **1-Repack; 2- Free Up; 3-Repair Bonnet Leak; 4-Repair Flange Leak; 5-Replace Valve ; 6-Open and Inspect; 7-Leaks By; 8-Other**
Pints to Tag MFG-7289

Print Date: 6/14/2011 3:31:49 PM

CUSA-CSB-0019153
EPA

D&R Distillation

Valve Repair List

26 #	313079-001	Process Area: **Distillation**	Plant: **4Crude**	Impact Team Leader:	SCOTT WOOLLEY
EWO #	**BE102-O1**	Type of List: **Process Valve List**		Impact Supervisor:	BRUCE SMITH
MOC #		Shutdown Title: **2011 Major**	List Rev Date: 5/2/2011 11:35:13 AM	Maint. Supervisor:	MARK PAULSON
				Ops. Coordinator:	KENNETH SOHNREY

Tag Number	Sys No	Size (in.)	Valve Type	Valve Rating	Gasket Type	VOC No / MOC No	Location: Line# / PipeClass	Insp Drwg No.	P&ID No.	Service	Tag Section Removed E Date / Init	D Date / Init	C Date / Init	B Date / Init	A Date / Init	Work #	Staging	Fresh Air
XVLV-062	10	2.0"	Gate Valve		Flex		K-1179 Outlet Block Valve			7 S/C						7	No	No
							0955-036-B01		308352	**Other Work:**	Leaks by							
XVLV-063	10	2.0"	Gate Valve		Flex		K-1179A Outlet Block Valve			7 S/C						7	No	No
										Other Work:	Leaks by							
XVLV-064	10	2.0"	Gate Valve		Flex		K-1179A Inlet Block Valve			7 S/C						7	No	No
							0955-012-003		308352	**Other Work:**	Leaks by							
XVLV-065	10	2.0"	Gate Valve		Flex		K-1179A Bypass Block Valve			7 S/C						7	No	No
							0955-012-003		308352	**Other Work:**	Leaks by							
XVLV-066	10	0.75"	Gate Valve		Welded		P-1167 Seal Flush Line 3/4" Vent Valve			7 S/C						5	Yes	No
							0955-036-B08		D-308352-1	**Other Work:**	Missing threads for plug/ Leaks by							
XVLV-067	12	0.75"	Gate Valve		Welded		K-1100B 1st Stage Discharge Line Bleeder Valve			OVHD GAS						5	No	No
							0955-016-006		308316	**Other Work:**	Broken stem							
XVLV-068	2.2	1.5"	Gate Valve		Welded	20603	Steam trap B/V for 7&8 s/c lines to RLOP - Outside PLM			150# Steam						5	No	No
										Other Work:	Leaks by							
XVLV-072	10	2.0"	Gate Valve		Flex		P-1159 Discharge			6 S/C						7	No	No
							0955-011-008		308309	**Other Work:**	Leaks by							
XVLV-073	10	4"	MOV		Flex		P-1159 Suction MOV			6 S/C						7	No	No
							0955-008-001		308309	**Other Work:**	Leaks by							
XVLV-074	10	4"	Gate Valve		Flex		P-1159 Suction			6 S/C						7	No	No
							0955-008-001		308309	**Other Work:**	Leaks by							

Work Note: **1-Repack; 2- Free Up; 3-Repair Bonnet Leak; 4-Repair Flange Leak; 5-Replace Valve ; 6-Open and Inspect; 7-Leaks By; 8-Other**
Pints to Tag MFG-7289

CUSA-CSB-0019154
EPA

D&R Distillation

Valve Repair List

26 #	313079-001	Process Area: **Distillation**	Plant: **4Crude**	Impact Team Leader: SCOTT WOOLLEY	
EWO #	**BE102-O1**	Type of List: **Process Valve List**		Impact Supervisor: BRUCE SMITH	
MOC #		Shutdown Title: **2011 Major**	List Rev Date: 5/2/2011 11:35:13 AM	Maint. Supervisor: MARK PAULSON	
				Ops. Coordinator: KENNETH SOHNREY	

Tag Number	Sys No	Size (in.)	Valve Type	Valve Rating	Gasket Type	VOC No / MOC No	Location: Line# / PipeClass	Insp Drwg No.	P&ID No.	Service	Tag Section Removed E Date Init	D Date Init	C Date Init	B Date Init	A Date Init	Work #	Staging	Fresh Air
XVLV-075	12	1"	Gate Valve		Flex		V-1100 11LSL011 Upper Lead BV			Naphtha						5	No	No
							0955-003-012		308314	**Other Work:** Broken shaft								
XVLV-076	12	0.75"	Gate Valve		Flex		V-1100 11LSL011 Upper Lead Vent Valve			Naphtha						7	No	No
							0955-019-027		305314	**Other Work:** Leaks by								
XVLV-077	12	0.75"	Gate Valve		Flex		V-1100 Upper Boot Area			Naphtha						7	No	No
							0955-003-012		305314	**Other Work:** Leaks by and broken handwheel								
XVLV-078	12	1"	Gate Valve		Flex		V-1100 11LSL011 Lower Lead BV			Naphtha						7	No	No
							0955-003-012		305314	**Other Work:** Leaks by								
XVLV-079	12	1"	Gate Valve		Welded		K-1100A 1st Dampner Drain to P-1171B			Naphtha						5	No	No
							0955-016-014		308315	**Other Work:** Leaks by and broken handwheel								
XVLV-080	7	12"	MOV		Welded		P-1101C Suction MOV			Crude Oil						7	No	No
							0955-001-001		308300	**Other Work:** Leaks By								
XVLV-082	2.2	8"	Gate Valve		Flex		V-1101 BP Block Valve			150# Steam						3	No	No
									308326	**Other Work:** Bonnet leaking								
XVLV-083	12	14"	Gate Valve		Flex		P-1128 Suction Valve			ATCR						2	Yes	No
							0955-005-010		308309	**Other Work:** Valve is very hard to turn								
XVLV-084	12	14"	Gate Valve		Flex		P-1128A Suction Valve			ATCR						2	Yes	No
							0955-005-010		308309	**Other Work:** Valve is very hard to operate								
XVLV-085	12	10"	Gate Valve		Flex		P-1128 Discharge Valve			ATCR						2	No	No
							0955-005-011		308309	**Other Work:** Valve is very hard to operate								

Work Note: **1-Repack; 2- Free Up; 3-Repair Bonnet Leak; 4-Repair Flange Leak; 5-Replace Valve ; 6-Open and Inspect; 7-Leaks By; 8-Other**
Pints to Tag MFG-7289

CUSA-CSB-0019155
EPA

D&R Distillation

Valve Repair List

26 #	313079-001	Process Area: **Distillation**	Plant: **4Crude**	Impact Team Leader:	SCOTT WOOLLEY
EWO #	**BE102-O1**	Type of List: **Process Valve List**		Impact Supervisor:	BRUCE SMITH
MOC #		Shutdown Title: **2011 Major**	List Rev Date: 5/2/2011 11:35:13 AM	Maint. Supervisor:	MARK PAULSON
				Ops. Coordinator:	KENNETH SOHNREY

Tag Number	Sys No	Size (in.)	Valve Type	Valve Rating	Gasket Type	VOC No / MOC No	Location: Line# / PipeClass	Insp Drwg No.	P&ID No.	Service	Tag Section Removed E Date / Init	D Date / Init	C Date / Init	B Date / Init	A Date / Init	Work #	Staging	Fresh Air
XVLV-086	12	10"	Gate Valve		Flex		P-1128A Discharge Valve			ATCR						2	No	No
							0955-005-001		308309	**Other Work:**	Valve is very hard to operate							
XVLV-087	10	4"	Gate Valve		Flex		P-1160 Suction Valve			Vacuum Oil						2	No	No
							0955-010-008		308331	**Other Work:**	Valve is binding while turning							
XVLV-088	10	4"	Gate Valve		Flex		P-1160A Suction Valve			Vacuum Oil						2	No	No
							0955-010-008		308331	**Other Work:**	Valve is binding while turning							
XVLV-089	2.2	0.75"	Gate Valve		Flex		P-1167 Seal Flush Steam Tracing Block Valve			Vacuum Oil						1	Yes	No
							0955-036-B08		308352	**Other Work:**	Leaking through valve stem							
XVLV-090	2.2	0.75"	Gate Valve		Flex		P-1105 Steam Tracing Manifold			150# Steam						1	No	No
									308343	**Other Work:**	Leaking through valve stem							

Work Note: **1-Repack; 2- Free Up; 3-Repair Bonnet Leak; 4-Repair Flange Leak; 5-Replace Valve ; 6-Open and Inspect; 7-Leaks By; 8-Other**
Pints to Tag MFG-7289

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