

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 12-21-050-19W5 **Date:** 2013-03-04 **SAP Equipment ID** 66181022

VESSEL STATIC DATA

Plant:		ANSELL		OP Unit:		System:													
Prov. Insp . #:		0612541		CRN:		P7217.2		Equip Tag#:		66181022									
Equipment Description:				INLET SEPARATOR				Serial #:		12335									
Manufacturer:				RJV Gas Field Services				Vessel Class:		vessel									
Internal Access:		No		Description:				Year Built:		2011									
MAWP:		9929 kpa		At Temp		38 C		MDMT:		-20 C									
Code:				RT: RT2				PWHT:				No							
Diameter:		406 mm		Length:		2286 mm		(T/T):		mm		OAL:		mm		Orientation:		Vertical	
SHELL		Mat'l:		SA-106 B		Thickness:		1 mm		Corr Allowance:		2 mm							
HEAD		Mat'l:		SA-516 70		Thickness:		1 mm		Corr Allowance:		2 mm							
Nozzle		Mat'l:				Thickness:				Corr Allowance:									
Internal Coating:		No		Internal Clad:		No		Capacity:		m3									
Manway:		No		Inspection Port:		Yes		Skirt		X		Legs		Saddle					
Nozzle Rating:		600 lb ANSI		Painted:		Yes		Insulated:		No									

PROCESS DATA

Production Description:	Sweet	Yes	Sour:	
Operating Pressure	kpa	Operating Temp:	C	

PSV STATIC DATA

Tag #	Serial No.	Location	Size(mm)		Set Press (kPa)	Capacity Imperial (SCFM)	Manufacturer	Model	Last Service	Service Company
			Inlet	Outlet						
1221-1	013664-33	Piping	25.40	25.40	9929	5180	TAYLOR	T-8200-1	2012/03/08	

INSPECTION SUMMARY

FIT FOR SERVICE

RECOMMENDATIONS


NONCONFORMANCES/INSPECTION DEFICIENCIES

INSPECTION PLANNING

Inspection Strategy		Availability		Inspection Interval	
Inspection Date	2013/03/04	Date of Last Inspect		Date of Next Insp	

REPORT CERTIFICATION

The SignatureS below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	Roger Dlugosz		Cert #	000566	Date	2013/03/04
Reviewed and Approved by					Date	
Criticality Assessment Rerun		Inspection Planning Rerun				
Assessed Next Inspection Date						

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DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Accept			VERY GOOD CONDITION
V2	General Corrosion	Accept			
V3	General Leaks	Accept			NO LEAKS/WEEPS
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	N/A			
V6	Ladder/Stairway	N/A			
V7	Heads	Accept			NO DAMAGE
V8	Guy Wires	N/A			
V9	Electrical Ground	N/A			
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Accept			NO DAMAGE, VERY GOOD CONDITION
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Accept			CLEAN/GOOD WORKING ORDER
V14	Shell	Accept			NO DAMAGE
V15	Jacket	N/A			
V21	Support Other (Please explain)	N/A			
V22	Foundation	N/A			
V23	Anchor Bolts	N/A			WELDED TO FLOOR
V24	Saddle/Skirt	Accept			NO DAmage
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Accept			THREADED CONNECTIONS
V32	Small Branches	Accept			THREADED CONNECTIONS
V33	Nozzles	Accept			FLANGED CONNECTIONS, FULLY ENGAGED, NO DAMAGE/SHORTBOLTING
V34	Manways	N/A			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	N/A			
V37	Bolting	Accept			NO SHORTBOLTING
V38	Flanges	Accept			NO DAMAGE
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	N/A			
V42	Damage	Accept			
V43	Penetrations	N/A			
V44	Insulation Jacket	N/A			
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	Accept			SET AT 1440 PSI/SERVICED 2012
V52	Corrosion	Accept			
V53	Leaks	Accept			NO LEAKS/WEEPS
V54	Restricted Inlet/Outlet	N/A			

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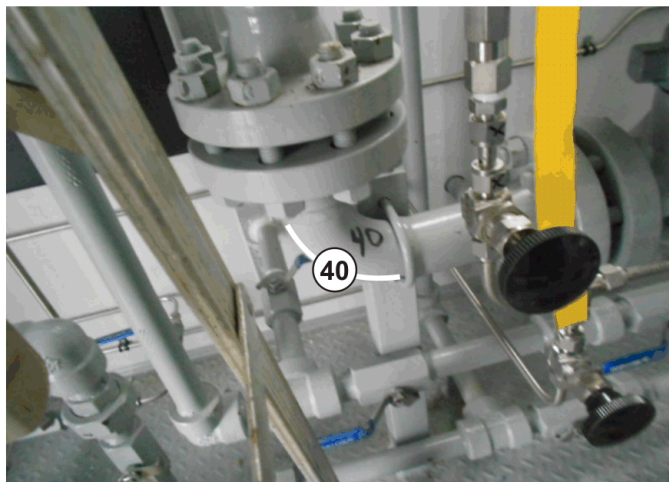
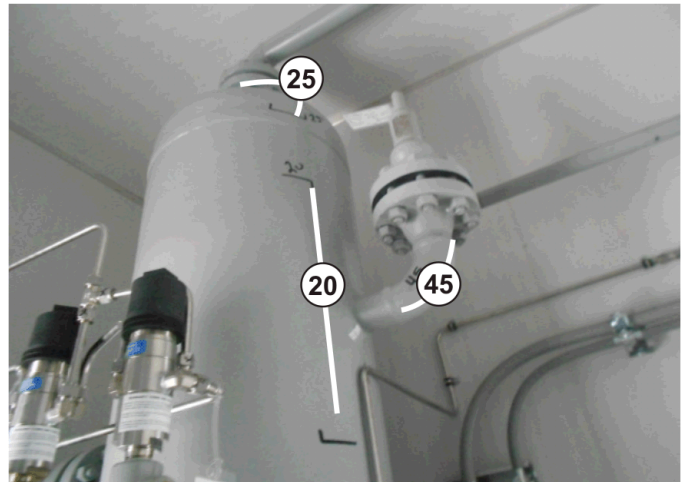
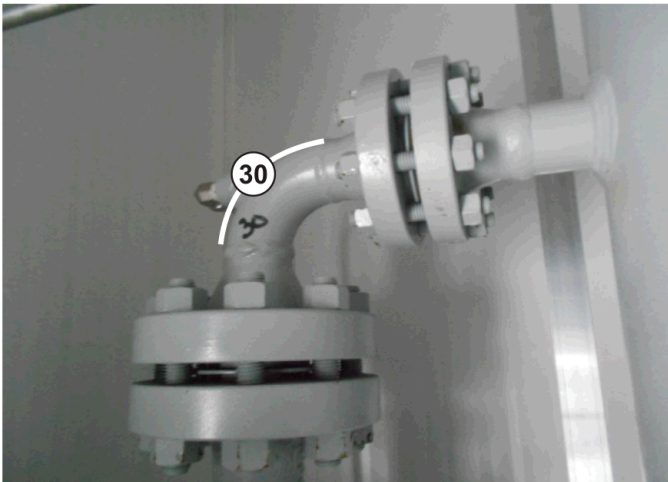
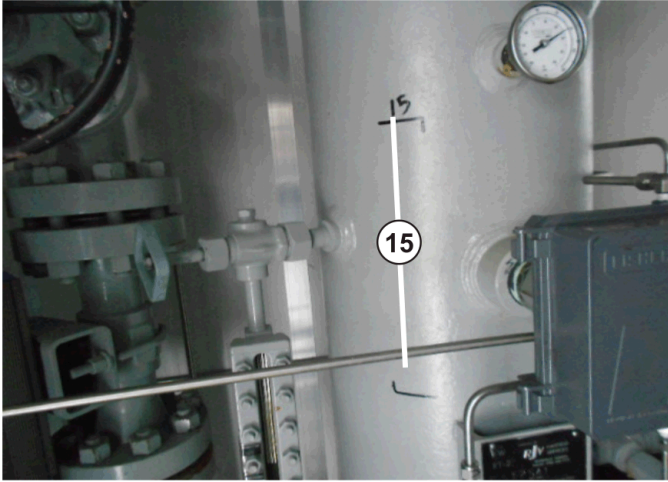
V55	Manual Operation Lever	N/A			
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DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

DETAILED INSPECTION UT THICKNESS

CML	Nom. Thickness	CURRENT READINGS	short term corr rate	long term corr rate	remaining half life	Survey Date	Comments
05 (Head)	20.62	21.64	0.0000	0.0000	99.0	2013/03/04	
10 (Shell)	21.44	22.91	0.0000	0.0000	99.0	2013/03/04	
15 (Shell)	21.44	23.37	0.0000	0.0000	99.0	2013/03/04	
20 (Shell)	21.44	23.06	0.0000	0.0000	99.0	2013/03/04	
25 (Head)	20.62	22.53	0.0000	0.0000	99.0	2013/03/04	
30 (90L 2 XS)	5.54	5.54	0.0000	0.0000	99.0	2013/03/04	
35 (90L 2 120)	0.00	11.00	0.0000	0.0000	99.0	2013/03/04	
40 (90L 2 XS)	5.54	4.85	0.0116	0.0116	4.6	2013/03/04	
45 (90L 2 120)	0.00	10.62	0.0000	0.0000	99.0	2013/03/04	



OWNER: HUSKY	SERIAL # 12335	NOTES
EQUIPMENT NAME: SEPARATOR	NB#	
REGISTRATION # 0612541	OWNER ID	
EQUIPMENT # 66181022		



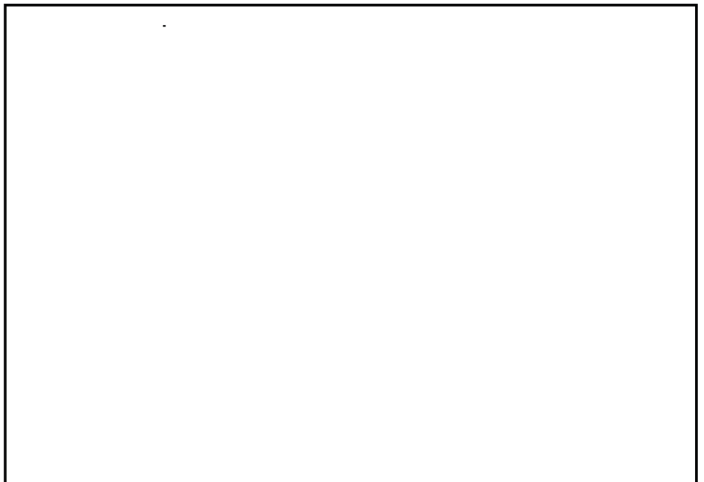
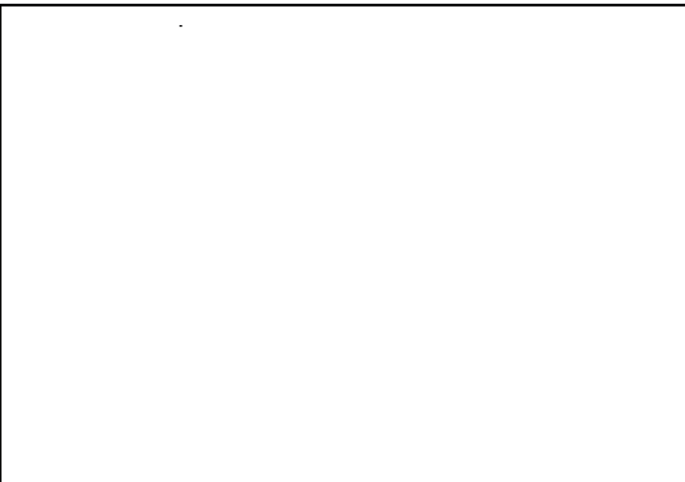
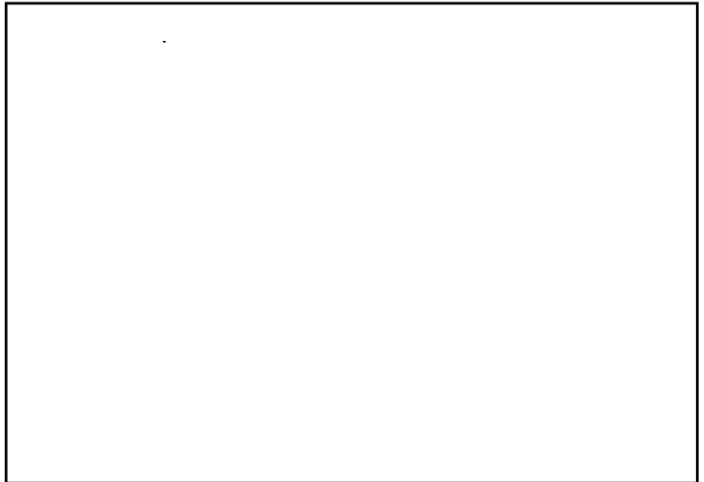
NAMEPLATE



OVERALL



PSV



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EQUIPMENT NAME: SEPARATOR	NB#	
REGISTRATION # 0612541	OWNER ID	
EQUIPMENT # 66181022	ONCOR ID	