



## PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 12-23-051-19W5

Date: 2013-03-05

SAP Equipment ID

66048163

### VESSEL STATIC DATA

Plant:	ANSELL	OP Unit:		System:	
Prov. Insp . #:	0416384	CRN:	K2360.21	Equip Tag#:	66048163
Equipment Description:	INLET SEPARATOR			Serial #:	PE4869
Manufacturer:	Penfabco ltd			Vessel Class:	vessel
Internal Access:	No	Description:		Year Built:	1997
MAWP:	9901	kpa	At Temp	38	C
Code:		RT:	RT2	PWHT:	No
Diameter:	406	mm	Length:	2286	mm
		(T/T):	mm	OAL:	mm
SHELL	Mat'l:	Unknown	Thickness:	0	mm
HEAD	Mat'l:	Unknown	Thickness:	0	mm
Nozzle	Mat'l:		Thickness:		
Internal Coating:	No	Internal Clad:	No	Capacity:	m3
Manway:	No	Inspection Port:	Yes	Skirt	Legs X Saddle
Nozzle Rating:	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						
1223-1	66030	Piping	25.40	25.40	9901	2918	Mercer	11751D11714	2011/10/01	

### INSPECTION SUMMARY

FIT FOR SERVICE

### RECOMMENDATIONS

### NONCONFORMANCES/INSPECTION DEFICIENCIES

### INSPECTION PLANNING

Inspection Strategy		Availability		Inspection Interval	
Inspection Date	2013/03/05	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	2013/03/05
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 WEEPS/LEAKS
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			GOOD CONDITION, NO DAMAGE
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Accept			CLEAN, IN GOOD CONDITION
V14	Shell	Accept			B 106 PIPE
V15	Jacket	N/A			
V21	Support Other (Please explain)	Reject			
V22	Foundation	N/A			
V23	Anchor Bolts	Accept			SECURE/SUPPORT VESSEL
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 1436 PSI/SERVICED 2011
V52	Corrosion	Accept			
V53	Leaks	Accept			NO WEEPS/LEAKS
V54	Restricted Inlet/Outlet	N/A			

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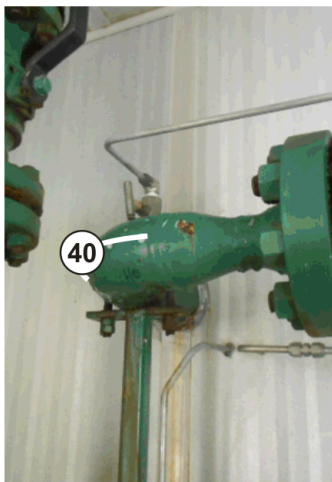
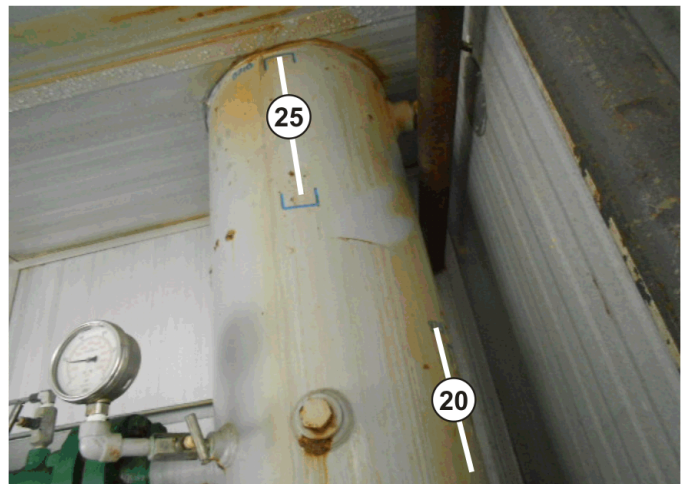
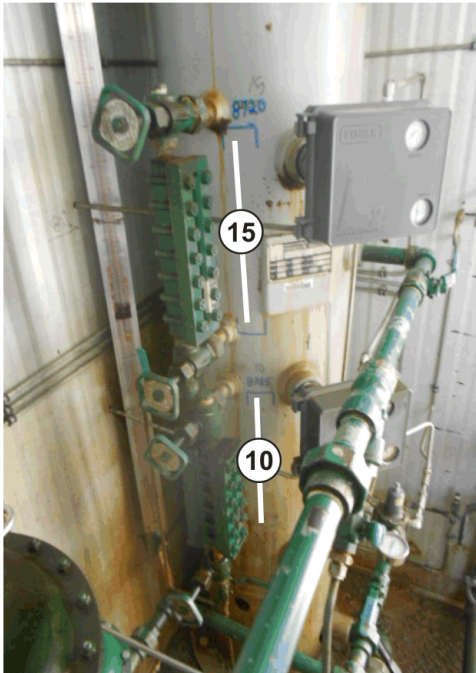
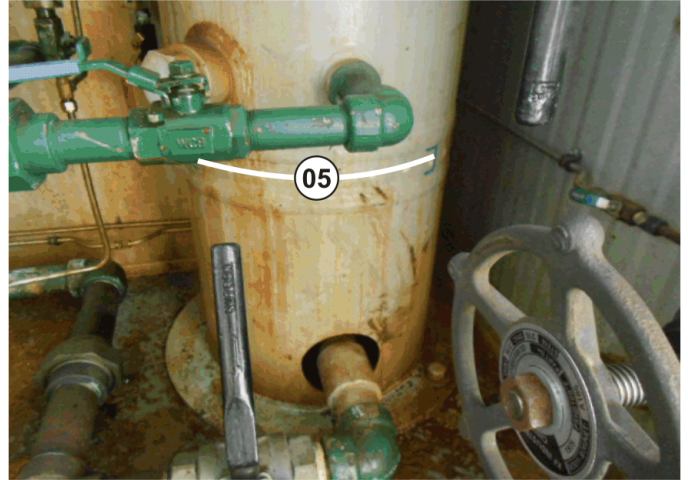
V55	Manual Operation Lever	N/A			
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## DETAILED INSPECTION OTHER TECHNIQUES

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)	0.00	20.09	0.0000	0.0000	99.0	2013/03/05	
10 (Shell)	0.00	20.93	0.0000	0.0000	99.0	2013/03/05	
15 (Shell)	0.00	20.73	0.0000	0.0000	99.0	2013/03/05	
20 (Shell)	0.00	21.41	0.0000	0.0000	99.0	2013/03/05	
25 (Shell)	0.00	21.23	0.0000	0.0000	99.0	2013/03/05	
30 (Head)	0.00	18.54	0.0000	0.0000	99.0	2013/03/05	
35 (90L 3 XS)	7.62	6.81	0.0020	0.0020	36.3	2013/03/05	
40 (90L 3 XS)	7.62	7.82	0.0000	0.0000	99.0	2013/03/05	



OWNER: HUSKY	SERIAL # Pe4869	NOTES
EQUIPMENT NAME: SEPARATOR	NB#	
REGISTRATION # 0416384	OWNER ID	
EQUIPMENT # 66048163		



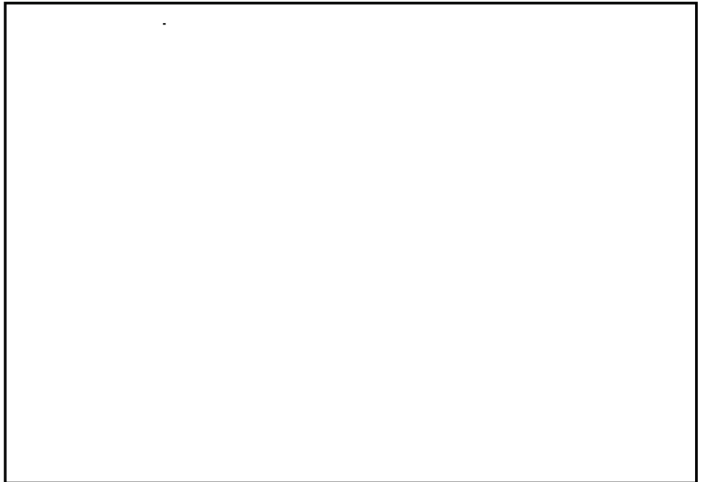
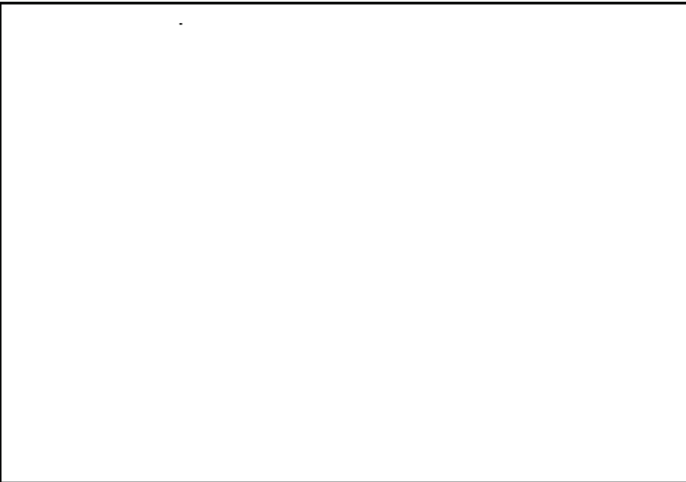
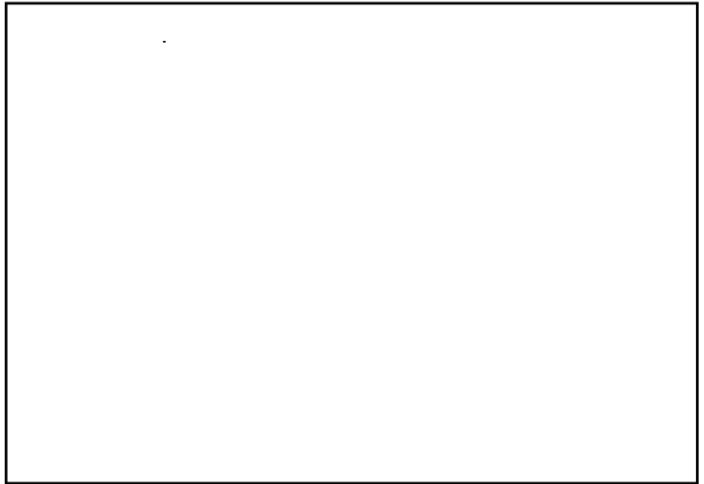
NAMEPLATE



OVERALL



PSV



<b>OWNER:</b> HUSKY	<b>SERIAL #</b> Pe4869	<b>NOTES</b>
<b>EQUIPMENT NAME:</b> SEPARATOR	<b>NB#</b>	
<b>REGISTRATION #</b> 0416384	<b>OWNER ID</b>	
<b>EQUIPMENT #</b> 66048163	<b>ONCOR ID</b>	