



PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5

Date: 2013-02-20

SAP Equipment ID

66126579

VESSEL STATIC DATA

Plant:	ANSELL	OP Unit:		System:	
Prov. Insp . #:	0563306	CRN:	U1205.21	Equip Tag#:	66126579
Equipment Description:	FLARE KNOCKOUT DRUM			Serial #:	07-2933-0001
Manufacturer:	PYRAMID CORP			Vessel Class:	vessel
Internal Access:	Yes	Description:		Year Built:	2007
MAWP:	345	kpa	At Temp	150	C
Code:		RT:	RT1	PWHT:	No
Diameter:	1829	mm	Length:	6096	mm
		(T/T):	mm	OAL:	mm
HEAD	Mat'l:	Unknown	Thickness:	1	mm
SHELL	Mat'l:	Unknown	Thickness:	1	mm
Nozzle	Mat'l:		Thickness:		
Internal Coating:	No	Internal Clad:	No	Capacity:	m3
Manway:	Yes	Inspection Port:	No	Skirt	Legs
Nozzle Rating:	150	lb ANSI	Painted:	Yes	Saddle X
			Insulated:	Yes	

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						
			0.00	0.00	0					

INSPECTION SUMMARY

FIT FOR SERVICE.

RECOMMENDATIONS

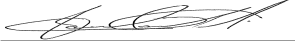
NONCONFORMANCES/INSPECTION DEFICIENCIES

INSPECTION PLANNING

Inspection Strategy		Availability		Inspection Interval	
Inspection Date	2013/02/20	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	Jamey Tanasichuk		Cert #	000411	Date	2013/02/20
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			FULLY INSULATED.
V2	General Corrosion	Accept			
V3	General Leaks	Accept			NO LEAKS OBSERVED.
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	Accept			
V6	Ladder/Stairway	Accept			SECURE - GOOD CONDITION.
V7	Heads	Accept			FULLY INSULATED.
V8	Guy Wires	N/A			
V9	Electrical Ground	Accept			
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	N/A			UNABLE TO DETERMINE CONDITION, VESSEL IS FULLY INSULATED.
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Accept			GOOD CONDITION.
V14	Shell	Accept			FULLY INSULATED.
V15	Jacket	N/A			
V21	Support Other (Please explain)	Accept			ALL SUPPORTS IN GOOD CONDITION.
V22	Foundation	Accept			
V23	Anchor Bolts	Accept			SECURE.
V24	Saddle/Skirt	Accept			SADDLE IN GOOD CONDITION.
V25	Davit	Accept			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Accept			ALL CONNECTIONS IN GOOD CONDITION.
V32	Small Branches	Accept			
V33	Nozzles	Accept			
V34	Manways	Accept			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	Accept			
V37	Bolting	Accept			
V38	Flanges	Accept			
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	Accept			GOOD CONDITION.
V42	Damage	Accept			NO DAMAGE OBSERVED.
V43	Penetrations	Accept			
V44	Insulation Jacket	Accept			
V45	Banding	Accept			
V46	Seals/Joints	Accept			GOOD CONDITION.
V51	Relief Devices Other (Please explain)	N/A			NO PSV ATTACHED. VESSEL VENTS TO FLARE.
V52	Corrosion	N/A			
V53	Leaks	N/A			
V54	Restricted Inlet/Outlet	N/A			



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LSD: 07-27-051-19W5**Date:** 2013-02-20**SAP Equipment ID** 66126579

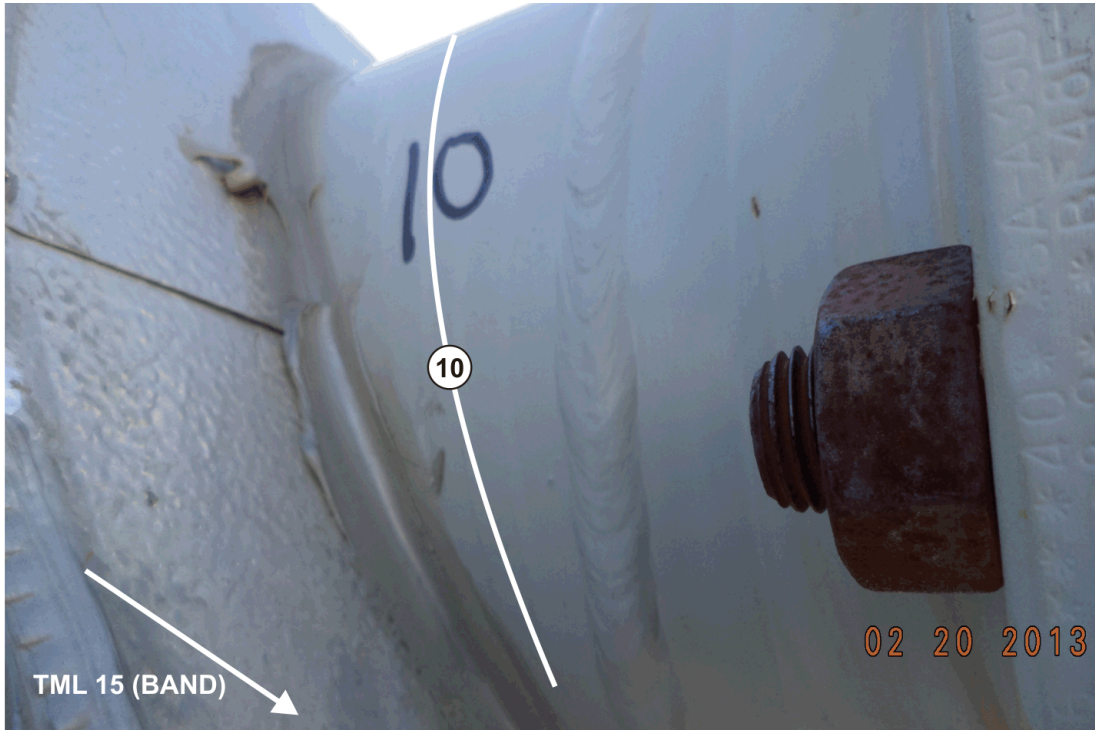
V55	Manual Operation Lever	N/A			
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DETAILED INSPECTION OTHER TECHNIQUES

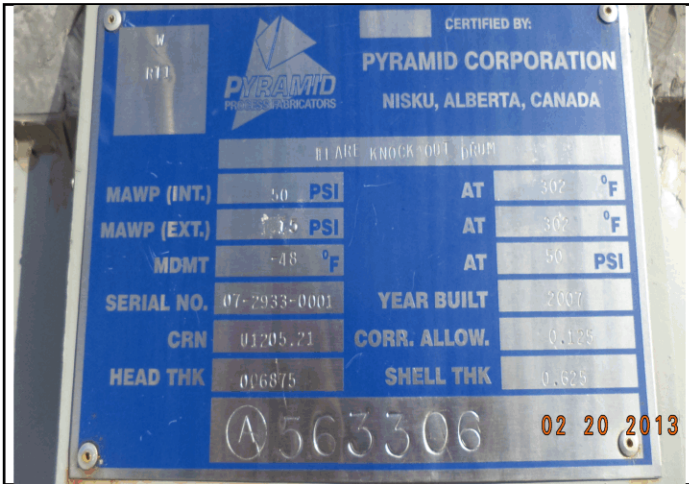
ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

DETAILED INSPECTION UT THICKNESS

CML	Nom. Thickness	CURRENT READINGS	short term corr rate	long term corr rate	remaining half life	Survey Date	Comments
05 (BAND 8 STD)	8.18	8.26	0.0000	0.0000	99.0	2013/02/20	
10 (BAND 8 STD)	8.18	8.10	0.0005	0.0005	325.3	2013/02/20	



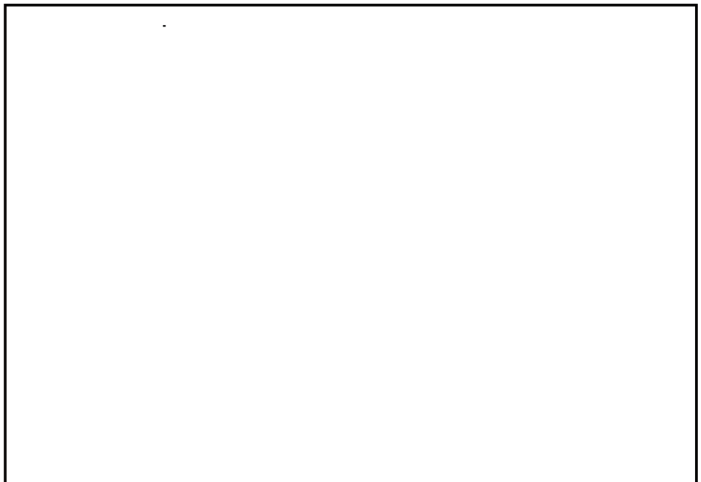
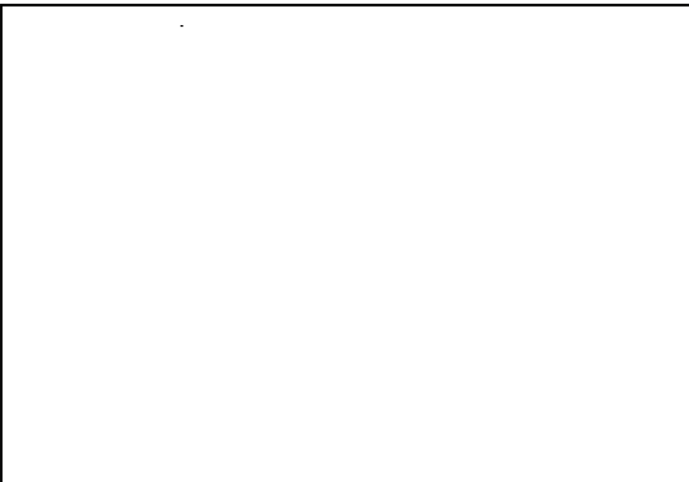
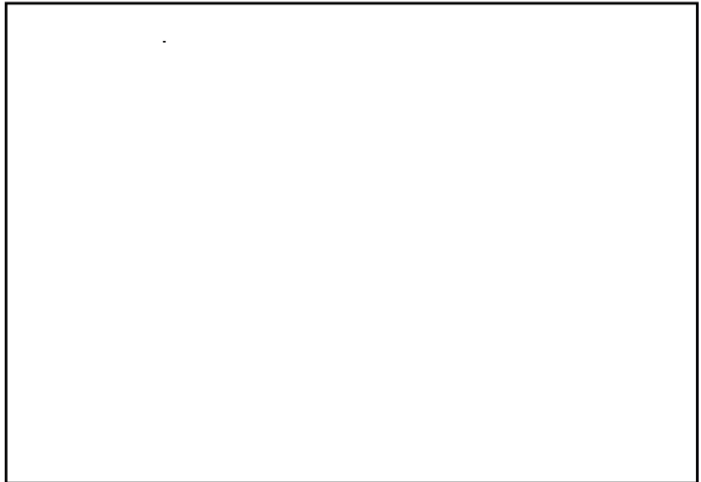
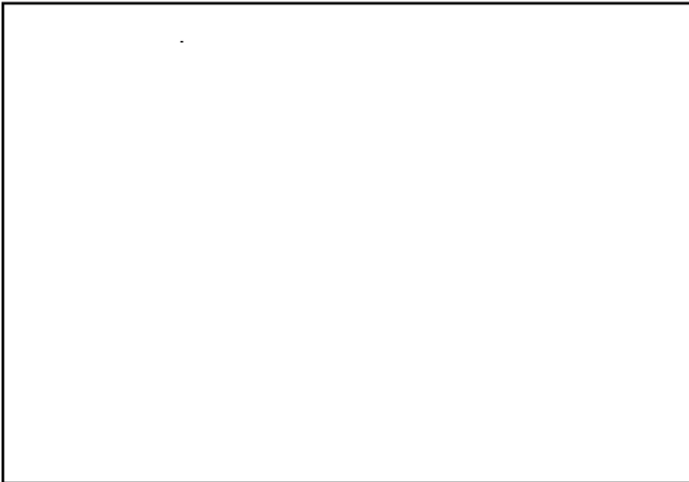
OWNER: HUSKY		SERIAL # 07-2933-0001	NOTES
EQUIPMENT NAME: FLARE KNOCK OUT DRUM		NB#	
REGISTRATION # 0563306		OWNER ID	
EQUIPMENT # 66126579			



NAMEPLATE



OVERALL



OWNER: HUSKY
EQUIPMENT NAME: FLARE KNOCKOUT DRUM
REGISTRATION # 0563306
EQUIPMENT # 66126579

SERIAL # 07-2933-0001
NB#
OWNER ID
ONCOR ID

NOTES