



PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5 Date: 2013-02-20 SAP Equipment ID 66149924

VESSEL STATIC DATA					
Plant:	ANSELL		OP Unit:		
Prov. Insp . #:			CRN:		
Equipment Description:	FLARE STACK			Serial #:	7-4674
Manufacturer:	Tornado Technologies			Vessel Class:	vessel
Internal Access:	No		Description:		
MAWP:	0	kpa	At Temp	38	C
Code:			RT:	None	
Diameter:	406	mm	Length:	39929	mm
			(T/T):	mm	OAL: mm
SHELL	Mat'l:	SA-333 GR 6		Thickness:	0 mm
Nozzle	Mat'l:			Thickness:	
Internal Coating:				Internal Clad:	No
Manway:	No		Inspection Port:	No	
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						
			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 Inspct	_____	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			GOOD CONDITION.
V2	General Corrosion	Accept			NO CORROSION OBSERVED.
V3	General Leaks	Accept			NO LEAKS OBSERVED.
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	Accept			
V6	Ladder/Stairway	N/A			
V7	Heads	N/A			
V8	Guy Wires	Accept			GOOD CONDITION.
V9	Electrical Ground	Accept			
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Accept			GOOD CONDITION.
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	N/A			
V14	Shell	Accept			
V15	Jacket	N/A			
V21	Support Other (Please explain)	Accept			PIPING SUPPORTS IN GOOD CONDITION.
V22	Foundation	Accept			
V23	Anchor Bolts	Accept			SECURE.
V24	Saddle/Skirt	Accept			
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Accept			GOOD CONDITION.
V32	Small Branches	Accept			
V33	Nozzles	Accept			
V34	Manways	N/A			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	Accept			
V37	Bolting	Accept			
V38	Flanges	Accept			GOOD CONDITION.
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	N/A			
V42	Damage	N/A			
V43	Penetrations	N/A			
V44	Insulation Jacket	N/A			
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	N/A			NO PSV ATTACHED. ATMOSPHERIC.
V52	Corrosion	N/A			
V53	Leaks	N/A			
V54	Restricted Inlet/Outlet	N/A			

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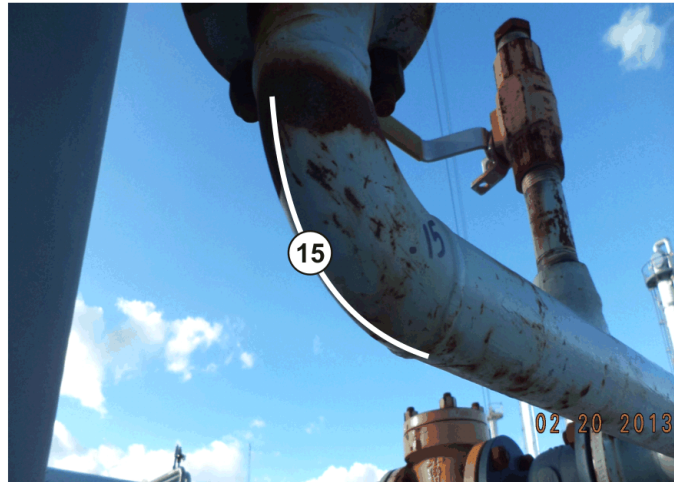
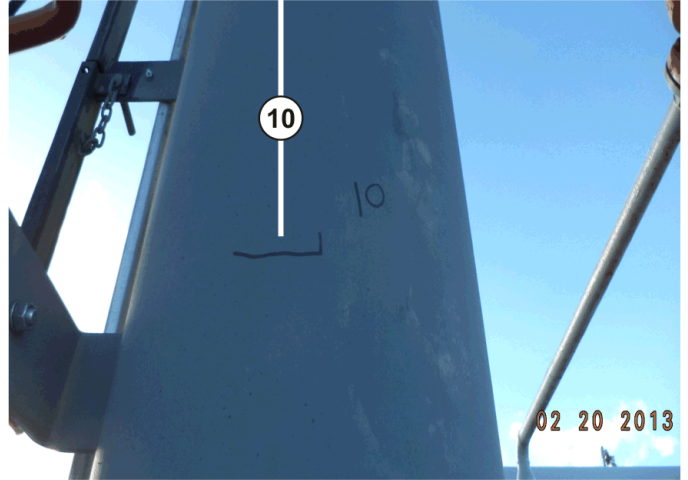
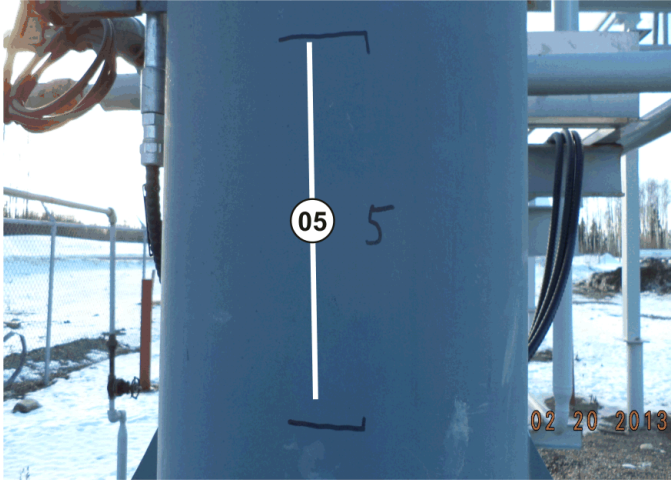
V55	Manual Operation Lever	N/A			
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DETAILED INSPECTION OTHER TECHNIQUES

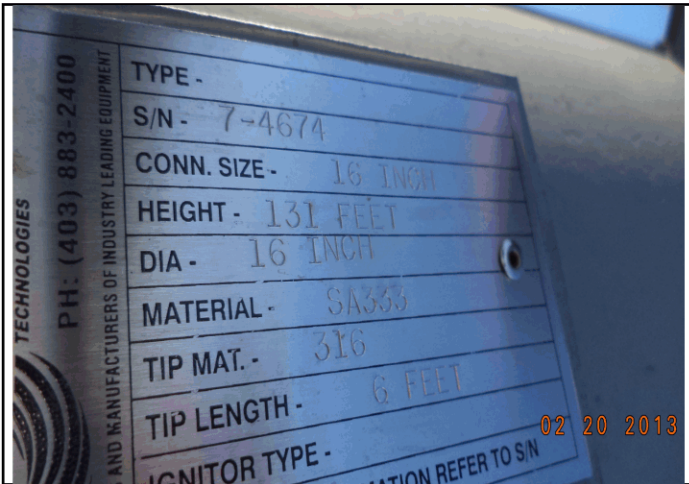
ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

DETAILED INSPECTION UT THICKNESS

CML	Nom. Thickness	CURRENT READINGS	short term corr rate	long term corr rate	remaining half life	Survey Date	Comments
05 (Shell)	0.00	9.09	0.0000	0.0000	99.0	2013/02/20	
10 (Shell)	0.00	10.62	0.0000	0.0000	99.0	2013/02/20	
15 (90L 2 40)	3.91	3.63	0.0000	0.0000	99.0	2013/02/20	



OWNER: HUSKY	SERIAL # 07-4674	NOTES
EQUIPMENT NAME: FLARE STACK	NB#	
REGISTRATION #	OWNER ID	
EQUIPMENT # 66149924		



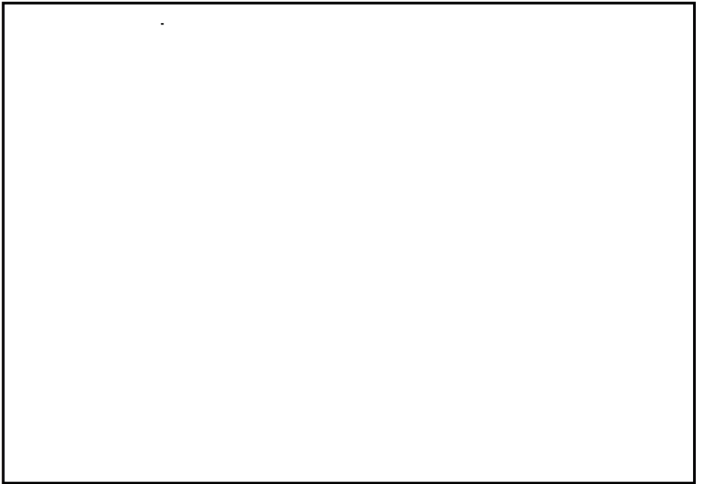
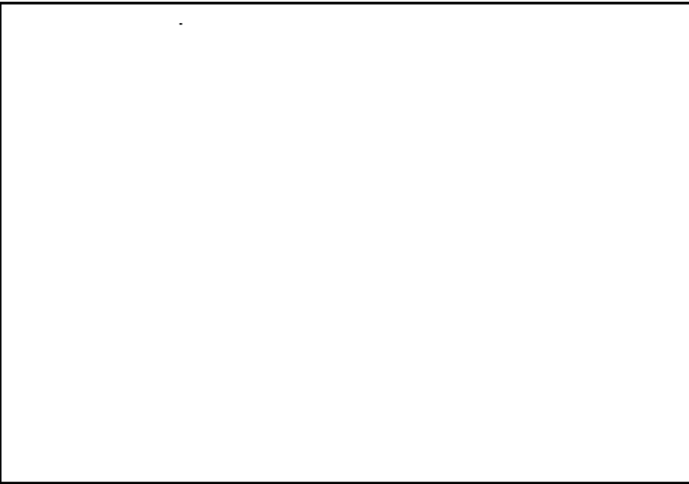
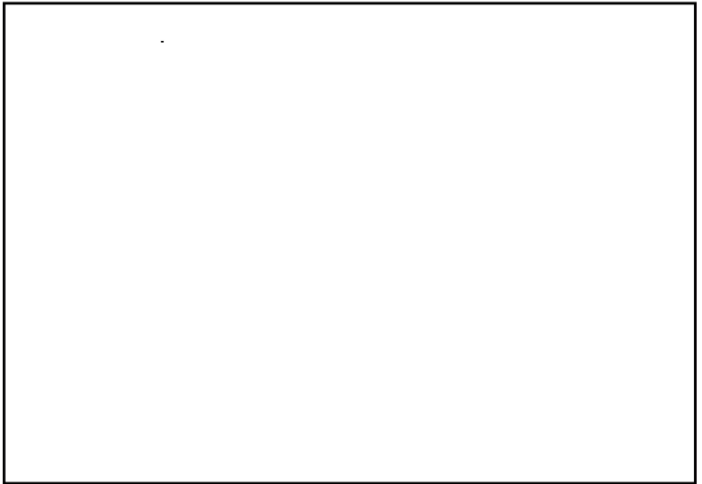
NAMEPLATE



OVERALL



OVERALL



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EQUIPMENT NAME: FLARE STACK	NB#	
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EQUIPMENT # 66149924	ONCOR ID	