

PRESSURE VESSEL & COLUMN INSPECTION REPORT

Date: July 19, 2011

Report #: IR110719GMSi

Plant	Mervin	Op Unit	HOG – Sask. East North		System / LSD:	16-02-050-20W3
Asset #	66102897	Equipment ID	-		Asset Type	-
Description	Separator		Prov. Insp. #	A 465646	Serial #	42586-55
Manufacturer	Natco Canada		CRN	P-6749.23	Year Built	2001
MAWP	1965	KPag	@ 38	°C	MDMT	-29 °C
Code	ASME U	Fluid Service	Oil	Sweet	PWHT	Yes
Internal Access	No	Insulated	No		Internal Coating	No
Operating Pressure	344	KPag		Operating Temp	25	°C

PSV DATA

PSV ID # or Serial #	Location	Size		Set Press. Kpa	Capacity SCFM	Manufacturer	Model	Last Service mm/yyyy
		In mm	Out mm					
15365-16	Side of separator	25	25	689	404	Taylor	T-8200-1	06/2010

INSPECTION SUMMARY

This equipment was in service at the time of inspection.
A thorough inspection to verify the equipment's integrity was done by VE and UT.
There were no rejectable defects observed at this time; the vessel can be recommended fit for service.
There are no recommendations to be made at this time.
No NCR's were issued at this time.
There was no internal inspection performed at this time.
There was no internal NDE performed during this inspection.

RECOMMENDATIONS

NONCONFORMANCES / INSPECTION DEFICIENCIES

INSPECTION PLANNING

Inspection Strategy	Availability	Inspection Interval	5 yrs
Inspection Date	Date of Last Inspection	Date of Next Inspection	07/2016
07/2011			

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 / Certification #	Gareth Stafford / 28144	Date	July 19, 2011
Reviewed and Approved by	K. DAVIS / SK PET # 130	Date	8/23/11
Criticality Assessment Rerun	Inspection Planning Rerun		
Assessed Next Inspection Date			

IQ #	NO #	Entered	HDMS Linked
Copied	Scanned	Entered LL	Linked

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DETAILED INSPECTION VISUAL EXTERNAL

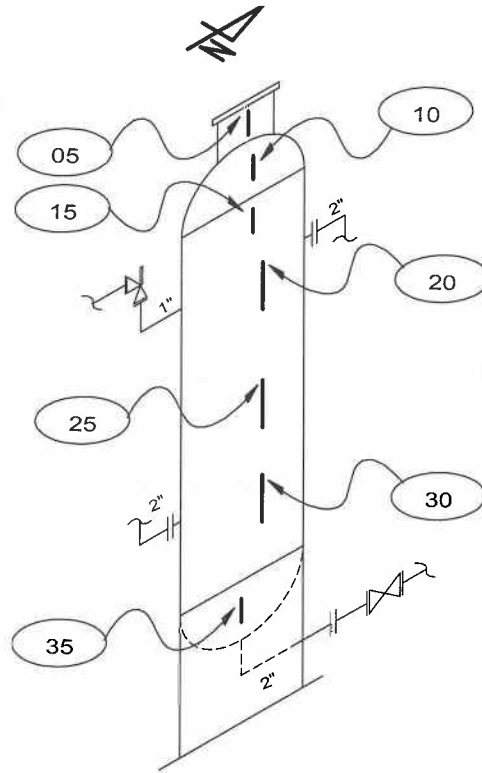
ID	Description	Condition	Location	NCR / IDR	Comments
V1	General Other (Explain)	-			
V2	General Corrosion	Good			No corrosion is present.
V3	General Leaks	Good			No leaks were noted.
V4	Vibration	-			
V5	Dissimilar Flange Rating	Good			No dissimilar flange ratings noted.
V6	Ladder/Stairway	-			
V7	Heads	Good			No deficiencies noted.
V8	Guy Wires	-			
V9	Electrical Ground	Good			The vessel is grounded through the skid package.
V10	Painted Inactive Corrosion	Good			The vessel is painted with inactive mild corrosion present.
V11	Coating/Painting	Good			The paint is in good condition.
V12	Expansion Joint or Bellows	-			
V13	Gauge/Site Glass	Good			All instrumentation is in good working condition.
V14	Shell	Good			There is no distortion noted.
V15	Jacket	-			
V21	Support Other (Explain)	-			
V22	Foundation	-			
V23	Anchor Bolts	-			
V24	Saddle/Skirt	Good			The skirt is welded to the skid floor.
V25	Davit	-			
V26	Fireproofing	-			
V31	Connections Other (Explain)	-			
V32	Small Branches	Good			The tubing and other attachments are secure and free of leaks.
V33	Nozzles	Good			The nozzles are satisfactory with no leaks present.
V34	Manways	-			
V35	Reinforcing Pads	-			
V36	Inadequate Thread Engagement	Good			The thread engagement is adequate.
V37	Bolting	Good			The studs and nuts are the correct size and length. B7/2H
V38	Flanges	Good			The flanges are tight with no deficiencies noted.
V39	Leak Clamps	-			
V41	Insulation Other (Explain)	-			
V42	Damage	-			
V43	Penetrations	-			
V44	Insulation Jacket	-			
V45	Banding	-			
V46	Seals/Joints	-			
V51	Relief Devices Other (Explain)	-			
V52	Corrosion	Good			No corrosion noted.
V53	Leaks	Good			No leaks were present.
V54	Restricted Inlet/Outlet	Good			The inlet and outlet sizes are correct with no restrictions.
V55	Manual Operation Lever	-			

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UT DRAWING



PHOTOS



NAMEPLATE



OVERALL VIEW