

GENERAL INSPECTION FORM

District: <u>North west</u>	Skid No. <u>16070</u>
Facility: <u>Montney</u>	Location (LSD) <u>16-01-87-18wb.</u>
Vessel Name & Equipment Number: <u>Oil treater.</u>	
Orientation: <u>Horizontal</u> or Vertical	
Status: <u>operating</u> or shut-in	Commissioning Inspection or <u>Regulatory Inspection</u>

PRESSURE VESSEL NAMEPLATE DATA

"A" or "G" or "S" (Sask.) or BC Registration Number. <u>A2638906</u>		CRN Number <u>F-9416.2</u>	
Vessel serial number: <u>HT-6294</u>		Size (diameter x length- estimate if necessary): <u>72" x 20'</u>	
Shell thickness: <u>6.4 mm</u>		Shell material: <u>SA-516-70</u>	
Head thickness: <u>7.9 - 6.4 mm</u>		Head material: <u>SA-516-70</u>	
Tube wall thickness: <u>-</u>		Tube material: <u>-</u>	
Tube diameter: <u>-</u>		Tube length: <u>-</u>	
Channel thickness: <u>-</u>		Channel material: <u>-</u>	
MAWP	Shell: <u>50 PSI</u>	Operating pressure	Shell: <u>20 PSI</u>
	Tubes: <u>-</u>		Tubes: <u>-</u>
Design Temp.	Shell: <u>200°F</u>	Operating temperature	Shell: <u>150°</u>
	Tubes: <u>-</u>		Tubes: <u>1</u>
X-ray: <u>RT-4</u>		Heat treatment: <u>HT</u>	
Code parameters: <u>-</u>		Joint efficiency (if on nameplate): <u>-</u>	
Manufacturer: <u>Larsen & O'AMINGO MFG</u>		Year built: <u>1990</u>	
Corrosion allowance: <u>1.6 mm</u>		Manway? yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

PRESSURE SAFETY VALVE NAMEPLATE DATA

Tag Number(s)	Set Pressure	CRN #	Manufacturer /Model / Serial# and Code Stamp	Capacity (Scfm)	Size	Set Date
<u>Dalco</u> <u>SRV 739</u>						
Shell Side G# <u>705281</u>	<u>50</u>	<u>02176.52</u>	<u>Spartan Controls /</u> <u>SOSISA / SE-4863-1</u> <u>NS</u>	<u>1469</u>	<u>2"</u> <u>x</u> <u>3"</u>	<u>02/05</u>
Tube Side G#						

SERVICE CONDITIONS-INDICATE ALL THAT APPLY

Sweet	<u>Sour</u>	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
Amine	LPG	Condensate	Air	Glycol
Other (Describe):				

Inspection Interval _____ PSV Service Interval _____
 (Determined by MIC in conjunction with Chief Inspector following guidelines of ConocoPhillips Canada Owner-User Inspection Program)

Reports reviewed and accepted by:
 Mechanical Integrity Coordinator _____ Date Sept/06

Fill out all forms as completely as possible. All information is important! Use back of sheets to record additional information or sketch if required.

External Inspection Items	G	F	P	N/A	Comments
Insulation Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture. Are straps secure?				✓	
External Condition Assess paint condition, areas peeling, record any corrosion, damage, distortion etc (record location, size and depth of corrosion or damage)	✓				
Leakage Record any leakage at flanges, threaded joints, weep holes on repads, etc.		✓			Some leaks.
Skirt/ Saddle Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds are acceptable. Is ground wire attached?	✓				
Anchor Bolts Hammer tap to ensure secure. Look for corrosion, cracking in threads or signs of deformation.	✓				
Concrete foundation Check for cracks, spalling, etc.				✓	
Ladder / Platform Describe general condition, ensure support is secure to vessel, describe any hazards.				✓	
Nozzle Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Inspect gussets for cracking.	✓				
Gauges Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/Temp.	✓				
External Piping Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?	✓				
Valving Ensure no leaks are visible. Valves are properly supported and chained if necessary.		✓			Some leaks.
PSV Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as valve outlet and is properly supported and routed. Are psv seals in place? Ensure no block valves between psv and vessel, or if there are that they are locked/sealed open.	✓				
NDE methods Was UT/ MPI done on vessel (MI coordinator to review results)				✓	
Other Observations:					

Inspected By: _____

Date: _____