	GEN	Canadian Nati ERAL PRESSU		esources Limite SSEL INFOR			Job	# 10.111424	
District: Grande Pr	Skid No.								
Facility: Waskahigan Battery				Location (LSD): 06–14–63–24–W5M					
Vessel Name & Equ	,	Moved	from Ant	te Creek field	to site				
Orientation: Vertica						-			
Status: Not In					Dom	ulatory Ins	enaction		
Status. Not III		PRESSURE VESS	SFI N	<u> </u> Amediate i		matory m	spection		
	Registration Number	RESSURE VES				CRN Num	her		
	A0416743	F 9578.231							
Vessel serial numbe		Size: 20 in. x 29 ft.							
Shell thickness: 22.				Shell material: SA 516 70N					
Head thickness: 20.8				Head material: SA 516 70N					
Tube wall thickness				Tube materia					
Tube diameter:				Tube length:					
Channel thickness:				Channel material:					
Design pressure	Shell: 1440 PSI			Operating pressure		Shell:			
	Tubes:					Tubes:			
Design Temp.	Shell: 130 deg F		Operating temperature		Shell:				
g	Tubes:					Tubes:			
X-ray: RT-2				Heat treatmen	nt· No				
Code parameters: A	SME VIII / Div 1			Coated: No					
Manufacturer: Alco				Built: 1997					
Corrosion allowance				Manway: No					
Corrosion uno wurie		SURE SAFETY	VALV						
<u> </u>			<u> </u>					<u> </u>	
PSV Tag Manufacture / Model # / Serial #		Set Pressure (kPa / PSI)		Capacity cfm / usgpm)	Size	Block Valve	Location	Service by / Date	
PSV Tag Ma	anufacture / Model # / Serial #	Set Pressure (kPa / PSI)	(s	Capacity cfm / usgpm)	Size	Block Valve	Location	Service by / Date	
	SERVIC	CE CONDTIONS	-INDI	CATE ALL TI	HAT APPL	·Υ	-	<u> </u>	
Sweet X	et X Sour		Oil	Oil			Gas X		
Amine	LPG Co			Condensate			Air Glycol X		
Other (Describe):									
Inspection Interval _ (Determined by MIC in con	njunction with Chief Inspector f	ollowing guidelines of		SV Service Into)			
Reports reviewed and accep Mechanical Integrity	pted by: v Coordinator				Da	nte			

Fill out all forms as completely as possible. <u>All information</u> is important! Use back of sheets to record additional information or sketch if required. Copy of report to be filed by MIC at site, and copy sent to Chief Inspector

External Inspection Items	G	F	P	N/A	Comments
	J	1	1	14/11	
Insulation Verify sealed around manways,					Vessel is 60% insulated – this is in good condition, no open
nozzles, no damage present, and there is no	X				or torn sections and cut outs revealed that there is no under
egress of moisture.					insulation corrosion.
External Condition Assess paint condition,	X 7				Paint is in good overall condition – no chipped or exposed
areas peeling, record any corrosion, damage,	X				metal - no previous corrosion.
etc (record location, size and depth of					
corrosion or damage)					No oridones of looks as at flowers on three dedicints
Leakage Record any leakage at flanges,	X				No evidence of leakage at flanges or threaded joints
threaded joints, weep holes on repads, etc. Saddle Assess condition of paint, fire					Doint is in good condition to arranged motel
protection, and concrete. Look for corrosion,					Paint is in good condition - no exposed metal. No buckling or dents to skirt, and no corrosion at
buckling, dents, etc. Look at vessel surface					attachment welds.
area near supports. Verify no signs of leakage	X				Skid package is grounded.
at attachment to vessel and attachment welds					Skiu package is grounded.
are acceptable. Ground wire attached?					
Anchor Bolts Hammer tap to ensure secure.					Vessel is firmly welded to steel deck.
Look for cracking in treads or signs of	X				vesser is in may werded to steer deck.
deformation.	21				
Concrete foundation Check for cracks,					No concrete.
spalling, etc.				X	Two concrete.
Ladder / Platform Describe general					None.
condition, ensure support is secure to vessel,				X	
and describe any hazards.					
Nozzle Assess paint, look for leakage, and					The piping is not installed yet therefore bolting could not be
ensure stud threads are fully engaged. Record	X 7				addressed.
any damage, deflection, etc. Are nozzles	X				Paint is in good condition – no corrosion.
gusseted?					Nozzles are not gusseted
Gauges Ensure gauges are visible, working,					No gauges on vessel.
no leakage, and suitable for range of MAWP/				X	
Temp.					
External Piping Ensure pipe is well					Piping is not yet installed on this vessel.
supported. All clamps, supports, shoes, etc. in					1 0 0
place. Look for evidence of structural				X	
overload, deflection, etc. Paint condition,					
external corrosion?					
Valving Ensure no leaks are visible. Valves					No valves installed yet.
are properly supported and chained if				X	_
necessary.					
PSV Ensure PSV is set at pressure at or below				X	The PSV will be installed on the lower shell – not yet
that of vessel.				Λ	installed.
NDE methods Was UT/ MPI done on vessel	X				Ultrasonic thickness survey carried out - no metal
(MI coordinator to review results)					thickness detected below nominal – no pitting detected.
Other:					

Recommendations or corrective actions: Vessel is Fit for Service or describe corrective actions required)

(MIC to review corrective actions with Operations, discuss with Chief Inspector where necessary, and get remedial action implemented)

Recommendations: 1. Caustic wash internal of vessel. 2. Pressure test both glycol coils. 3. Install PSV set at or below MAWP of vessel.

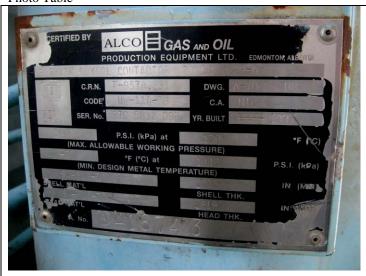
Summary: This vessel is in good over all condition, visual external and ultrasonic thickness survey carried out – no metal thickness detected below nominal.

Corrosion rate is base on most aggressive rate – no rate to assess.

Vessel is fit for service.

Inspected By: Dellas Wiedman Date: Feb 15, 2012

Photo Table





Data Plate Overview



Skirt and lower shell – dirt, not corrosion