	G	Canadian Nat ENERAL PRESSU		esources Limited SSEL INFORM			Job #	# 105.00774	
District: Fort St. John BC.				Skid No.					
Facility: West Blue	Location (LSD): 12-29-88-25-W6M								
Vessel Name Equip	ment Number: Flare K	Knock out Drum							
Orientation: Horizo	ntal								
Status: In Serv	ice			Regulatory Inspection					
		PRESSURE VESS	SEL N.	AMEPLATE DA	TA				
"A" or "G" o	or "S" (Sask.) or BC R	egistration Number.			C	CRN Nun	nber:		
	C 23407			Non Code					
Vessel serial number				Size: 36 in. x 10 ft.					
Shell thickness: 6.4				Shell material: SA 36					
Head thickness: 6.4				Head material: SA 36					
Tube wall thickness	:			Tube material:					
Tube diameter:				Tube length:					
Channel thickness:					al:	-			
Design pressure	Design pressure Shell: 14.9 PSI Operati				Operating pressure		Shell:		
	Tubes:					Tubes:			
Shell: Design Temp.			Operating temperature		Shell:				
	Tubes:	Tubes:							
X-ray: none	1			Heat treatment:	no				
Code parameters: N	on Code			Coated: no					
Manufacturer: Black, Sivalls & Bryson				Year built: 1998					
	rrosion allowance: Not stated Manway: yes								
		RESSURE SAFETY	VALV		E DATA				
PSV Tag #	Manufacture	Model #		Serial #	ial # Set Pressure Capacity Service (kPa) (scfm) Date				
							(scfm)	Date	
CRN #	Service By	Block Valve		Location Size Code Stamp		Code Stamp			
	SED	VICE CONDITIONS	S_INDI	CATE ALL TH	ат аррі	V			
	SER		3-111DI	CATE ALL INA		<u>.</u>			
Sweet	Sour X Oi			il X			X	Water X	
Amine LPG Con			idensate X		Air		Glycol		
Other (Describe):									
Inspection Interva				_PSV Service Int					
(Determined by MIC in	conjunction with Chief Insp	bector following guidelines	s of CNR	L's Owner-User Inspe	ction Program	n)			
Reports reviewed and ac Mechanical Integr					D	ate			

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	Р	N/A	Comments
	-				
Insulation Verify sealed around manways,					No damage present- no egress of moisture
nozzles, no damage present, and there is no	Х				Sealed at man way and nozzles
egress of moisture.					
External Condition Assess paint condition,					Paint in good overall condition – No exposed metal
areas peeling, record any corrosion, damage,	X				
etc (record location, size and depth of					
corrosion or damage)					
Leakage Record any leakage at flanges,	X				No leaks observed
hreaded joints, weep holes on repads, etc.	Л				
Saddle/Skirt Assess condition of paint, fire					Saddle: Welded directly to skid frame – no buckling or
protection, concrete. Look for corrosion,					dents.
buckling, dents, etc. Look at vessel surface	X 7				No corrosion at attachment welds to vessel – no leaks.
area near supports. Verify no signs of leakage	Х				Ground wire attached to skid
at attachment to vessel and attachment welds					
are acceptable. Ground wire attached?					
Anchor Bolts Hammer tap to ensure secure.					Saddle welded to skid frame.
Look for cracking in treads or signs of				X	
leformation.					
Concrete foundation Check for cracks,					
palling, etc.				Х	
Ladder / Platform Describe general					
				X	
condition, ensure support is secure to vessel,				Λ	
lescribe any hazards.					
Nozzle Assess paint, look for leakage, and					Stud threads are fully engaged to nuts.
ensure stud threads are fully engaged. Record	Χ				No leaks observed.
any damage, deflection, etc. Are nozzles					No damage or deflections.
gusseted?					Nozzles are not gusseted
Gauges Ensure gauges are visible, working,					No gauges
no leakage, and suitable for range of MAWP/				Х	
Гетр.					
External Piping Ensure pipe is well					Piping is well supported – all clamps, supports and shoes
upported. All clamps, supports, shoes, etc. in					are in place.
blace. Look for evidence of structural	Χ				No structural overloads or deflections.
overload, deflection, etc. Paint condition,					Piping is insulated no damage present.
external corrosion?					r ping is insulated no dumage present
Valving Ensure no leaks are visible. Valves					No valves
re properly supported and chained if				X	
necessary.					
PSV Ensure PSV is set at pressure at or below					No PSV – vent to flare
hat of vessel.				Χ	
					Illing and a thickness and an and a set of the set of the
NDE methods Was UT/ MPI done on vessel	Χ				Ultrasonic thickness survey carried out – no metal
MI coordinator to review results)					thickness detected below nominal.
		[[Internal surface is coated with epoxy.
Other Coating	X				

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: No recommendations at this time

Summary: Vessel is in overall good condition, visual inspection and ultrasonic corrosion survey performed—no metal thickness detected below nominal.

Long term corrosion rate based on greatest thickness loss – no corrosion rate to assess.

Vessel is fit for service.

