



Client:
CNRL

PRESSURE EQUIPMENT DATA REPORT

EQUIPMENT GENERAL INFORMATION

District:	Fort St John		
Facility:	Graham		
Location /LSD:	C-076-K/094-B-08	Operating Province:	British Columbia
Equipment Name:	LOW PRESSURE FLARE KNOCKOUT		
Equipment Status:	Operating	Orientation:	Horizontal
Skid No.:	Unit:		

EQUIPMENT STATIC DATA

AB Registration No.:	C34220		Serial No.:	04-94-M051-2	
Registration No./Other:			Equipment No.:	C34220	
CRN NO.:	NON-CODE		Unique ID No.:		
National Board No.:			Oncor ID No.:	166973	
Manufacturer:	PYRAMID ELECTRIC CORPORATIO		Year Built:	1994	
MAWP:	14.00 (psi)	96.53 (Kpa)	Temperature:	150.00 (F)	65.56 (C)
Diameter.:	72.000 (In)	1828.80(mm)	Length:	144.00 (In)	3657.60 (mm)
Radiography:			Heat Treatment:		
Corrosion allowance:	(In)	0.000 (mm)	MDMT:	-20.00	
Lining Or Coated:			Painted:	Yes	
Insulated:	Yes		Internally Clad:		
Hand Hole:	No		Support Type:	Saddle	
Manway:	Yes		Manway Size(In):	24.00	
Capacity/Volume(m3):			Nozzle Rating:	150.00	

MATERIALS/COMPONENTS

Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(In.)
SHELL	1.00	72.000		Unknown	17500	0.38
HEAD	1.00	72.000	Ellipsoidal	Unknown	17500	0.38

PIPING STATIC DATA

Primary Flange Rating:	150	ASME B16.5 - Table 2-1.1 @ 150F:	285 (psi)
Pressure Use For TMin:	Vess Design Press	Piping Operating Press:	14 (psi)
Stress Value:	20000 (psi)	E Value:	1.00 Joint: SMLS

SERVICE CONDITIONS

Sweet	Sour	Oil	Gas	Water
Amine	LPG	Condensate	Air	Glycol

COMMENTS

VESSEL IS ATMOSPHERIC, OUTLET TO FLAIR. NO PSV REQUIRED
VESSEL FULLY INSULATED, NO UT ACCESS



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Equipment Name:	LOW PRESSURE FLARE KNOCKOUT			Prov Reg No.:	C34220
Serial No.:	04-94-M051-2	Equip No.:	C34220	National Board No.:	

External Inspection

Inspector:	Codey Chmilar	API510#:73856	Signature:		Date:	04/21/2018
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External Corrosion

There was no significant external corrosion found on the vessel/piping

Accept

External Damage

There was no external corrosion found on the vessel/piping

Accept

Leakage

No Leaks were found on the vessel or piping connections

Accept

Vessel and Piping Supports

Vessel support is Saddle and is acceptable

Accept

Vessel support anchor bolts are in place and acceptable

Accept

Vessel Foundation is Concrete and is acceptable

Accept

Piping is supported by clamp and is acceptable

Accept

Insulation/Paint

	Type	Findings	
Vessel	Insulated	None Tearing, None Denting, Accept Banding, Accept Seals/Joints	Accept
Inlet Piping	Insulated	None Tearing, None Denting, Accept Banding, Accept Seals/Joints	Accept
Outlet Piping	Insulated	None Tearing, None Denting, Accept Banding, Some Broken Seals/Joints	Accept

Pressure Envelope Flanging

	Bolting	Thread engagement	Gaskets	Flange Rating	
Manway	Accept	Accept	Accept	Accept	Accept
Vessel	NA				Accept
Inlet Piping	Accept	Accept	Accept	Accept	Accept
Outlet Piping	Accept	Accept	Accept	Accept	Accept
Other Piping	NA				Accept

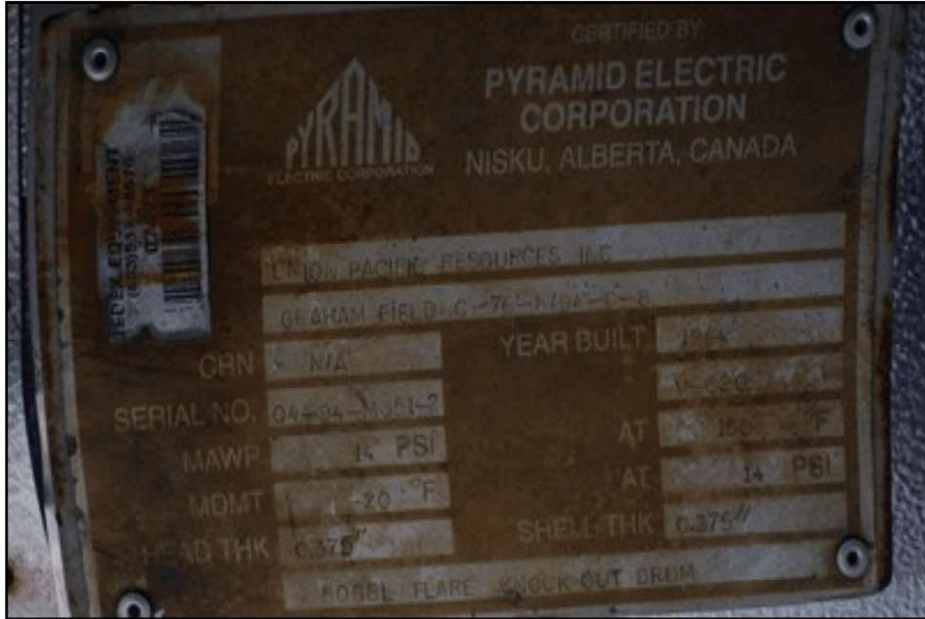
General

Grounding is acceptable, Vibration is acceptable, Platform is acceptable, Ladder/Stairway is acceptable,

Accept

Comment

PHOTOGRAPHS



NAMEPLATE



LSD

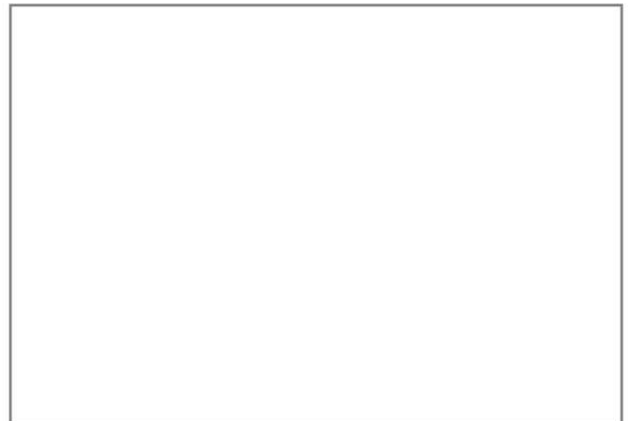
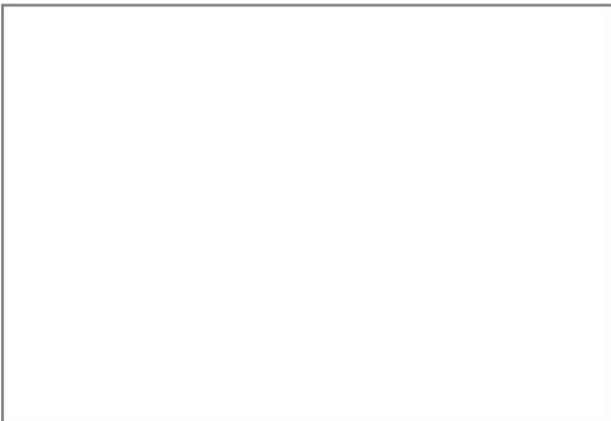
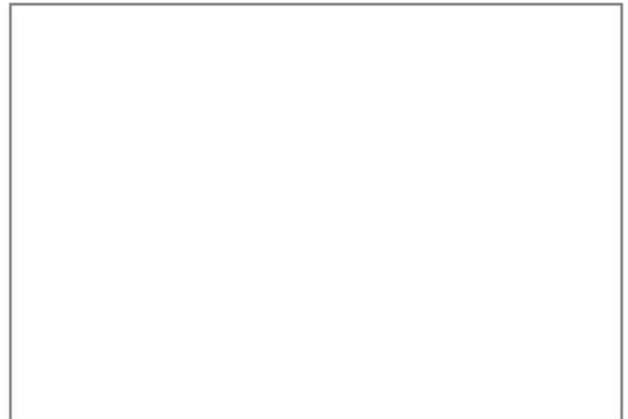
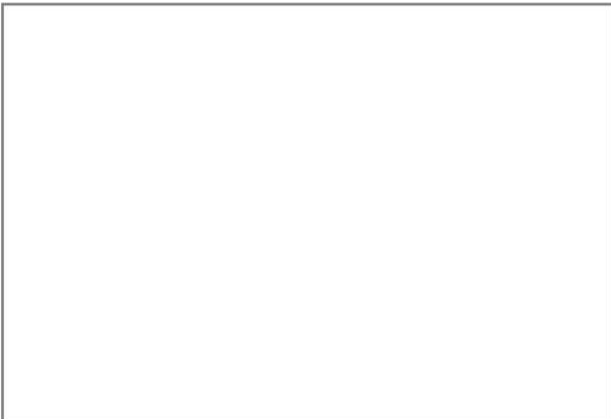


OVERALL

PHOTOGRAPHS



OUTLET INSULATION



NOTES: