

UT SURVEY	N/A
PSV INSP	N/A
VTE INSP	Accept
VTI INSP	N/A

EQUIPMENT DEFICIENCY SUMMARY

District:	GRANDE PRAIRIE	Facility	Belloy	Location/LSD	15-23-077-01W6
Equipment Nam	LINE HEATER			Prov Reg No.:	
Serial No.:	6053-14	Equip No.:	N/S	National Board No.:	N/S

UT SURVEY LATEST UT DATE USED IN SUMMARY

LOCATION	Nom - CA	Low RDG	Avg RD	TMin	UT Flag	RECOMMENDATION	QUALITY ACTION	RESULT

PSV INSPECTION LATEST PSV INSP DATE USED IN SUMMARY

DEFICIENCY	RECOMMENDATION	QUALITY ACTION	RESULT

VISUAL EXTERNAL INSPECTION LATEST VTE DATE USED IN SUMMARY August 11, 2015

DEFICIENCY	RECOMMENDATION	QUALITY ACTION	RESULT
No Deficiencies Found	N/A	N/A	Accept

VISUAL INTERNAL INSPECTION LATEST VTI DATE USED IN SUMMARY

DEFICIENCY	RECOMMENDATION	QUALITY ACTION	RESULT
N/A	N/A	N/A	N/A

PRESSURE EQUIPMENT DATA REPORT

EQUIPMENT GENERAL INFORMATION

District:	GRANDE PRAIRIE		
Facility:	Belloy		
Location /LSD:	15-23-077-01W6	Operating Province:	Alberta
Equipment Name:	LINE HEATER		
Equipment Status:	Shut-In	Orientation:	Horizontal
Skid No.:	Unit:		

EQUIPMENT STATIC DATA

AB Registration No.:		Serial No.:	6053-14	
Registration No./Other:		Equipment No.:	N/S	
CRN NO.:		Unique ID No.:		
National Board No.:	N/S	Oncor ID No.:	157430	
Manufacturer:	PRIORITY PROJECTS		Year Built:	2006
MAWP:	14.90 (psi)	102.73 (Kpa)	Temperature:	100.00 (F) 37.78 (C)
Diameter.:	48.000 (In)	1219.20 (mm)	Length:	240.00 (In) 6096.00 (mm)
Radiography:		Heat Treatment:		
Corrosion allowance:	0.000 (In)	0.000 (mm)	MDMT:	
Lining Or Coated:		Painted:	Yes	
Insulated:	Yes		Internally Clad:	
Hand Hole:		Support Type:	Saddle	
Manway:	Yes		Manway Size(In):	48.00
Capacity/Volume(m3):		Nozzle Rating:	900.00	

MATERIALS/COMPONENTS

Name	Joint Efficiency	Outside Diameter(in.)	Head Type	Material Type	Stress Value (PSI)	Nominal Thickness(In.)
SHELL	1.00	48.000		Unknown	17500	

PIPING STATIC DATA

Primary Flange Rating:	900	ASME B16.5 - Table 2-1.1 @ 150F:	2220 (psi)		
Pressure Use For TMin:	Other	Piping Operating Press:	3130 (psi)		
Stress Value:	20000 (psi)	E Value:	1.00	Joint:	SMLS

SERVICE CONDITIONS

Sweet	Sour ✓	Oil	Gas	Water
Amine	LPG	Condensate	Air	Glycol

COMMENTS

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District	GRANDE PRAIRIE	Facility	Belloy	Location/LSD	15-23-077-01W6
Equipment Name:	LINE HEATER			Prov Reg No.:	
Serial No.:	6053-14	Equip No.:	N/S	National Board No.:	N/S

External Inspection

Inspector:	Justin Orichowski	ABSA PESL #:	758	Signature:		Date:	08/11/2015
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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 Ground 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, Accept Seals/Joints	Accept

Pressure Envelope Flanging

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

General

Pressure Gauge is acceptable, Temp Gauge is acceptable, Grounding is acceptable, Vibration is acceptable, Ladder/Stairway is acceptable,

Accept

Comment

GENERAL INTERNAL COMPONENT INFORMATION

District: GRANDE PRAIRIE	Skid No.:
Facility: Belloy	Location (LSD): 15-23-077-01W6
Name & Equip No: LINE HEATER - N/S	Orientation: Horizontal
Company: CNRL	Cost Code:
Status: Shut-In	Operating Province: Alberta

NAMEPLATE DATA

Registration Number: 0563166	Registration Number (Other):
Serial Number: 6053-14	Manufacturer: Priority Projects
Year Built: 2006	Design Pressure: 3130.00 (psi) 21580.72 (Kpa)
Internal Component: COIL A & COIL B	Design Temperature: 200.00 (F) 0.00 (C)
Equipment Type: coil	Size Diameter: 3.00 (In) 76.20 (mm)
Material Type: Unknown	Size Length: (In) (mm)
S Value: 20000.00	CRN: F-3325.231
Joint Efficiency: 1.00	

ASSOCIATED EQUIPMENT

Registration Number	Equipment Number	Equipment Name
	N/S	LINE HEATER

GENERAL COMMENTS

RT 100% HT
COIL B - CRN F-3319.231 1629 PSI THICKNESS 0.300"
COIL A THICKNESS 0.438"

PHOTOGRAPHS

EQUIP NAME:	LINE HEATER	PROV REG No.:	0563166
SERIAL No.:	6053-14	Equip No.:	
		National Board No.:	



PSV NAMEPLATE



NOTES: