

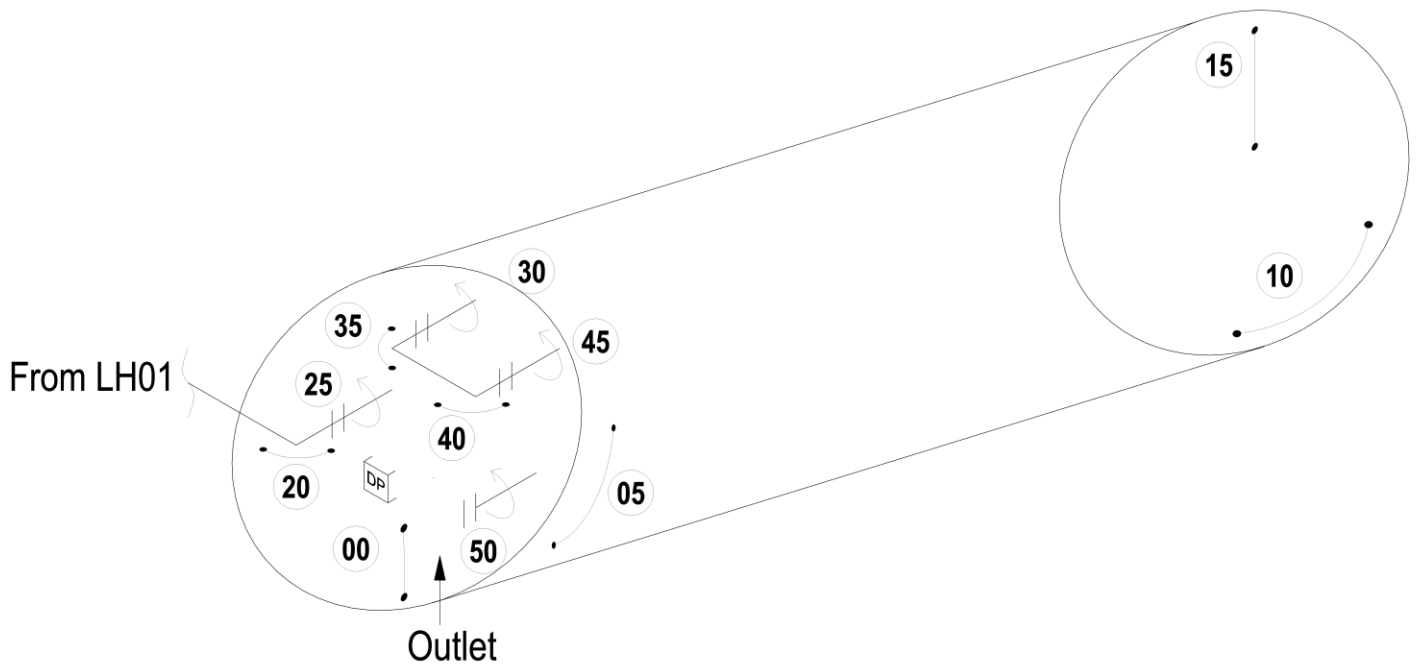


Pressure Equipment Integrity Management System
UT Inspection Form

NME Form F01-13
Version 1.05
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Owner:	Energera	District / Facility:	Rented (Canada) / Acheson Yard
Location (LSD):	11551 Bevington Road	Surface Location:	
A Number:	705779	Serial Number:	231054V1
CRN:	T2005.2	Vessel Type:	Coil #1
Description:	LH01Line Heater	Skid / Process:	
Tag No:	LH01	Current Status:	In Service

Sketch / Image Area
Drawing #6





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A#: 705779 Vessel Description: LH01 Line Heater Location(LSD): 11551 Bevington Road

Readings (inches)

TML: 00	Head (v band)		Flag
OD:	Date:	Nov 30, 2023	
Min:	Low:	0.388	
CA:	Avg:	0.400	
Mill T:	Comments:		

TML: 05	Lower Shell (v band)		Flag
OD:	Date:	Nov 30, 2023	
Nom:	Low:	0.189	
CA:	Avg:	0.195	
Mill T:	Comments:		

TML: 10	Lower Shell (v band)		Flag
OD:	Date:	Nov 30, 2023	
Nom:	Low:	0.191	
CA:	Avg:	0.195	
Mill T:	Comments:		

TML: 15	Head (v band)		Flag
OD:	Date:	Nov 30, 2023	
Nom:	Low:	0.394	
CA:	Avg:	0.400	
Mill T:	Comments:		

TML: 20	Preheat Coil Inlet Elbow (h band)		Flag
OD: 4.500	Date:	Nov 30, 2023	
Min: 0.531	Low:	0.518	
CA:	Avg:	0.540	
Mill T:	Comments:		

TML: 25	Preheat Coil Inlet Nozzle (h band)		Flag
OD: 4.500	Date:	Nov 30, 2023	
Min: 0.531	Low:	0.528	
CA:	Avg:	0.540	
Mill T:	Comments:		

TML: 30	Reheat Coil Nozzle (circ)		Flag
OD: 4.500	Date:	Nov 30, 2023	
Min: 0.531	Low:	0.512	
CA:	Avg:	0.530	
Mill T:	Comments:		

TML: 35	Reheat Coil Elbow (h band)		Flag
OD: 4.500	Date:	Nov 30, 2023	
Min: 0.531	Low:	0.512	
CA:	Avg:	0.545	
Mill T:	Comments:		

TML: 40	Reheat Coil Elbow (h band)		Flag
OD: 4.500	Date:	Nov 30, 2023	
Min: 0.531	Low:	0.479	
CA:	Avg:	0.520	
Mill T:	Comments:		

Flag Criteria:

A – (Shell - 5% below specified nominal thickness) (Head – below the minimum specified thickness) (Other – 12.5% below the nominal pipe thickness)

B – Less than 90% of average thickness

C – 5% or 0.040 inches below the previously measured thickness

D – Losing metal at a rate of 0.025 inches per year

E – No access to point

NORTHERN MATERIALS
ENGINEERINGPressure Equipment Integrity Management System
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A#: 705779 Vessel Description: LH01 Line Heater Location(LSD): 11551 Bevington Road

TML:	45	Reheat Coil Nozzle (circ)		Flag
OD:	4.500	Date:	Nov 30, 2023	
Min:	0.531	Low:	0.519	
CA:		Avg:	0.550	
Mill T:		Comments:		

TML:	50	Preheat Coil Outlet Nozzle (circ)		Flag
OD:	4.500	Date:	Nov 30, 2023	
Min:	0.531	Low:	0.518	
CA:		Avg:	0.540	
Mill T:		Comments:		

Ultrasonic Test Conducted By: Morgan Goruk Date: Nov 30, 2023

Flag Criteria:

- A – (Shell - 5% below specified nominal thickness) (Head – below the minimum specified thickness) (Other – 12.5% below the nominal pipe thickness)
- B – Less than 90% of average thickness
- C – 5% or 0.040 inches below the previously measured thickness
- D – Losing metal at a rate of 0.025 inches per year
- E – No access to point