


Ultrasonic Report		Date	4/1/2022	Phone: 403-793-7697 8 Sarah King Crt E Brooks, Alberta, T1R 0J8 grady.rustebakke@gmail.com	
LSD	01-18-017-18W4M	Facility	Armada Gas Plant		
DH-LSD		Field	Red Deer District		
Jurisdiction #					
Serial #	808006.2B				
Ultrasonic Report #: 808006.2B_GRADY INSPECTION LTD VE UT INSP_31MAR2022					

ULTRASONIC SET			COMPONENT DETAILS				CODE					
EQUIPMENT	CALIBRATION DUE	SERIAL NUMBER	MATERIAL GRADE	SURFACE PREP	TEMP	THICKNESS	CALIBRATION	EVALUATION				
EPOCH 600	2/25/2023	120388107	Carbon Steel	Painted	0C		ASME V	ASME VIII Div 1				
CALIBRATION BLOCK		PROBE							COUPLING		METHOD	
TYPE	SERIAL#	REF dB	SCAN dB	FREQ.	SIZE.	ANGLE	SERIAL #	TYPE	COUPLANT	CABLE	TECHNIQUE	PROCEDURE
10 Step Metric	14-2065	60	66	5 Mhz	0.25 "	0	15B00DU3	Dual	UT-X	6' BNC to Micro	LW Dual	UT01T1R4
SCOPE		As requested by Dustin Rumohr an ultrasonic inspection was completed on the GLYCOL COOLER										
LIMITATIONS		None.										
RESULTS		No corrosion was found with the ultrasonic inspection.										

Technician Name	Certification Body	Certification #	Expiry	Technician Signature				
3 ToddM	CGSB	9234						
				Client Name				Dustin Rumohr
				Client Signature				

External Inspection - (Vessel)		Date	4/1/2022	Phone:403-793-7697	
LSD	01-18-017-18W4M	Facility	Armada Gas Plant	8 Sarah King Crt E Brooks, Alberta, T1R 0J8 grady.rustebakke@gmail.com	
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Fit For Service:	Fit For Service.
Inspection Summary:	Vessel is in good visual condition.
Recommendations:	No Recommendations from the External Inspection.

External Inspection Items	G/F/P	Comments
General Condition:	Good	No notable mechanical damage, areas of wear/fretting, distortion, misalignment, or visible weld defects.
External Coating:	Good	Vessel is in good visual condition.
Insulation / Cladding:	N/A	Non insulated vessel
Nozzles, Piping and Connections:	Good	Nozzles and piping in good visual condition
Buried Vessels:	N/A	Above Ground
Ladders, Platforms and Walkways:	Good	Building secure
Foundations and Supports:	Good	Anchor bolts fully engaged Building is supported by pilings
Shell:.	Good	No notable mechanical damage, areas of wear/fretting, distortion, misalignment or visible weld defects.
Saddles / Skirts:	Good	Saddle is in good visual condition
Grounding:	Good	Grounding is achieved through the skid.
Gauges and Instrumentation:	N/A	Shell Gauge (- @) Temp Gauge (- @)
Pressure Protection:	N/A	Non code vessel
NDE Summary:	Good	No corrosion was found with the ultrasonic inspection.
Manway Davits/Quick Closure:	N/A	No Manway
Nameplate:	Fair	Nameplate is painted over. 15 psi MAWP is visible, vessel is non-code
Code Variance:		

Overview Photo

LSD 01-18-017-18W4M
Jur #
Serial # 808006.2B

Date
FACILITY
FIELD

3/31/2022
Armada Gas Plant
Red Deer District

Phone:403-793-7697

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Nameplate



Overview



Alternate Overview



CNRL C Number

GRADY
INSPECTION LTD

REPORT # 808006.2B_GRADY INSPECTION LTD VE UT INSP_31MAR2022
LSD 01-18-017-18W4M FACILITY Armada Gas Plant
DH-LSD FIELD Red Deer District
Jur # DWG 1 Location:
Ser # 808006.2B

Phone:403-793-7697

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Ser #		808006.2B		Inspection Dates and Thickness Values (mm)																									
CML#	Nom	CA/Tol	SFlag	STmin	PTmin	> Tmin	Comp	Type	Pipe Size	Code	MOP	Baseline		3rd Last		2nd Last		Last		# of Insp	% Nom Wall Loss	Corrosion Rates			Rem Life Date	Rem Life (yrs)	Next Insp Date	Insp Int (yrs)	Inspection Comments
												Date	Min Ave	Date	Min Ave	Date	Min Ave	ST	LTn			LTi							
05	0.0	0.0	0.0	0.0	0.0	0.0	Shell			UG27ShellInt	15	3/31/22	12.2	12.6						1							3/28/2032	10.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	Shell			UG27ShellInt	15	3/31/22	12.0	12.2						1							3/28/2032	10.0	
15	5.5			3.4		3.4	Nozzle	2" XS 80--(5.5mm)		UG45Nozzle	15	3/31/22	5.7	6.0						1	-4%						3/28/2032	10.0	
20	5.5			3.4		3.4	Nozzle	2" XS 80--(5.5mm)		UG45Nozzle	15	3/31/22	5.5	5.8						1	0%						3/28/2032	10.0	