

CONST

W

CERTIFIED BY



RT

MAWP

1440

psi

AT

12/23

MDMT

12/23

AT

12/23

JOB#

0605021

S/N

0000000000000000

YR

BT

000000

CRN

0000000000000000

A#

0605021

MIN

FD

000000

NOM

SH

000000

CA

000000



RESULTS OF INSPECTION:

VE Inspection:
Fit For Service. Pre-purchase inspection of vessel, out of service in storage yard.
Vessel is in good visual condition.
PSV overdue for service.
Debris inside of PSV outlet and piping of vessel.

UT Inspection:
No corrosion was found with the ultrasonic inspection on the vessel.
UT was also performed on all vessel nozzles, no corrosion found and no additional CMLs were created.

PRESSURE EQUIPMENT

DISTRICT

AB - OIL & NATURAL GAS

SHELL

TUBE

FACILITY

MAWT

130

F

A#

A0614247

YR

2012

MAWP

1440

psi

SERIAL #

C3432C.VS

PSV

250

psi

CRN

L8766.21

PSV CRN

0G8442.5C

EQUIP#

SERVICED

2013-09-01

STATUS

OUT OF SERVICE

UNIT

MANUFACTURER

RUSHTON GAS & OIL EQUIPMENT

DH

LSD

L

8

Ft

OD

2

Ft

REPAD

UNIQUE ID

SWEET/SOUR

Sour

AB-506 INTERVAL

Well-head vessels (separators,

GRADE

YEARS

Equip

PSV

UT

REG

1

5

5

5

X

INSPECTION TYPE

VE

VI

MT

PT

ET

UT

X

X

INSPECTION RESULT:

NCR-OPERATIONS

NCR-REGULATORY/ADMIN

ACTION ITEM RAISED

DEFERRED REPAIR

REPAIR REQUIRED

SUITABLE FOR SERVICE

X

RECOMMENDATIONS:

VE Inspection:
Service PSV and clean out piping prior to putting in service.
Seal insulation around pipe to building interfaces

SIGN OFF

API 510

EXP.

IPV

EXP.

INSPECTOR - PRIMARY

INSPECTOR - REVIEW

CLIENT SIGN OFF

INSPECTED BY

Jason Dyck

105734

2025-07-31

001420

2027-09-07

REVIEWED BY

Ashley Rustebakke

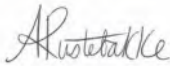
60285

2027-07-31

966

2026-06-16





Ultrasonic Report

LSD11-28-013-20W4M

DH-LSD

Jurisdiction #A0614247

Serial #C3432C.VS

Ultrasonic Report #:A0614247__28FEB2025_UT_VE_GRADYINSPECTIONLTD

Date

2025-02-28

Facility

Field

ENCHANT

403-793-7697

Po Box 1173 Brooks Alberta T1R 1B9

grady.rustebakke@gmail.com

GRADY

INSPECTION LTD

ULTRASONIC SET			COMPONENT DETAILS				CODE	
EQUIPMENT	CALIBRATION DUE	SERIAL NUMBER	MATERIAL GRADE	SURFACE PREP	TEMP	THICKNESS	CALIBRATION	EVALUATION
Danatronics	2025-03-27	05067103	Carbon Steel	Painted	6C	Various	ASME V	ASME VIII Div 1
CALIBRATION BLOCK		PROBE						
TYPE	SERIAL#	REF dB	SCAN dB	FREQ.	SIZE.	ANGLE	SERIAL #	TYPE
Step Wedge	70389	52	58	7.5 Mhz	0.25"	0	B22334	Dual
SCOPE		As requested y Dave Brown, an ultrasonic inspection was performed on the separator.						
LIMITATIONS		No shell material stamped on nameplate. No corrosion found, no values assumed for Tmin calculation.						
RESULTS		No corrosion was found with the ultrasonic inspection on the vessel. UT was also performed on all vessel nozzles, no corrosion found and no additional CMLs were created.						

Technician Name	Certification Body	Certification #	Expiry	Technician Signature				
30 Jason Dyck	CGSB UT 1	26160	2030-03-15					
				Client Name				
Grady Rustebakke	CGSB UT 2	9640	2026-09-15	Client Signature				

External Inspection - (Vessel)		Date	2025-02-28	403-793-7697	
LSD	11-28-013-20W4M	Facility			
DH-LSD		Field	ENCHANT		
Jurisdiction # A0614247				Po Box 1173 Brooks Alberta T1R 1B9 grady.rustebakke@gmail.com	

Fit For Service:	Fit For Service.
Inspection Summary:	Pre-purchase inspection of vessel, out of service in storage yard. Vessel is in good visual condition. PSV overdue for service. Debris inside of PSV outlet and piping of vessel.
Recommendations:	Service PSV and clean out piping prior to putting in service. Seal insulation around pipe to building interfaces

External Inspection Items	G/F/P	Comments
General Condition:	Good	No notable external corrosion, mechanical damage, areas of wear/fretting, distortion, misalignment, current leaks, or visible weld defects.
External Coating:	Good	Vessel is in good visual condition. Vessel is indoors. Vessel is painted. Paint is intact and well adhered to the vessel.
Insulation / Cladding:	Fair	Insulation is not sealed around the pipe/building interface.
Nozzles, Piping and Connections:	Good	Nozzles and piping in good visual condition
Buried Vessels:	N/A	Above Ground
Ladders, Platforms and Walkways:	N/A	No attached ladder or platform
Foundations and Supports:	Good	Building is secure Building on planks. Securely anchored Welds secure
Shell:.	Good	No notable external corrosion, mechanical damage, areas of wear/fretting, distortion, misalignment, current leaks, or visible weld defects.
Saddles / Skirts:	Good	Skirt is in good visual condition.
Grounding:	N/A	Ground wire on skid is disconnected.
Gauges and Instrumentation:	Fair	Shell Gauge (- @) Temp Gauge (-40 - 160 @ 42 F) Gauge is clear, colorless and correct for the MAWT. No pressure gauge installed.
Pressure Protection:	Fair	Vessel is currently out of service, PSV is overdue for service.
NDE Summary:		
Manway Davits/Quick Closure:	N/A	No Manway.
Nameplate:	Good	Nameplate is legible and readily accessible and securely affixed

PSV Data
LSD 11-28-013-20W4M

FACILITY
FIELD ENCHANT

Phone:403-793-7697
PO Box 1173, Brooks,
Alberta, T1R 19B
grady.rustebakke@gmail.com



ASSOCIATED PRESSURE EQUIPMENT DATA			
PV JUR/SER	A0614247	C3432C.VS	
SHELL		TUBE	
MAWP	1440		psi
PSV FIT FOR SERVICE STATEMENT			
Not Fit For Service.			
PSV STATIC DATA			
MODEL	26DA13-120/S7		
SERIAL	616191-1-A10		
MANUFACTURER	FARRIS ENGINEERING		
TAG	UVL40104B		
CRN	0G8442.5C		
SEAL	Y		
SET PRES	250		psi
CAPACITY	19.3		M3/MI
SERVICE DATE	2013-09-01		
SERVICE COMPANY	Unified Valve Group		
T/F		UV	NB
F		UV	NB
SIZE		B VALVE	CARSEAL
INLET	1	N	
OUTLET	2	N	
PSV COMMENTS			



Overview Photo

LSD 11-28-013-20W4M
Jur # A0614247
Serial # C3432C.VS

Date	2025-02-28
FACILITY	
FIELD	ENCHANT

403-793-7697

Po Box 1173 Brooks Alberta T1R 1B9
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Nameplate



Overview



LSD Sign



Securement

Overview Photo

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Inside Skirt



Insulation Not Sealed at Nozzle/Building Interface



Piping Overview



Sight Glass

Overview Photo

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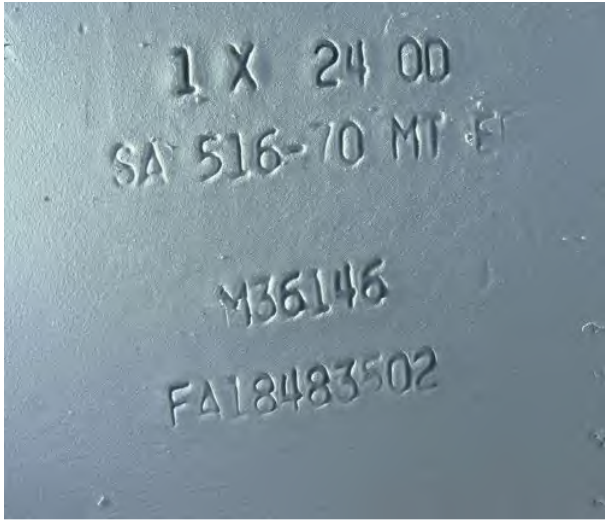
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Temperature Gauge



Package Overview



Head Material Stamping

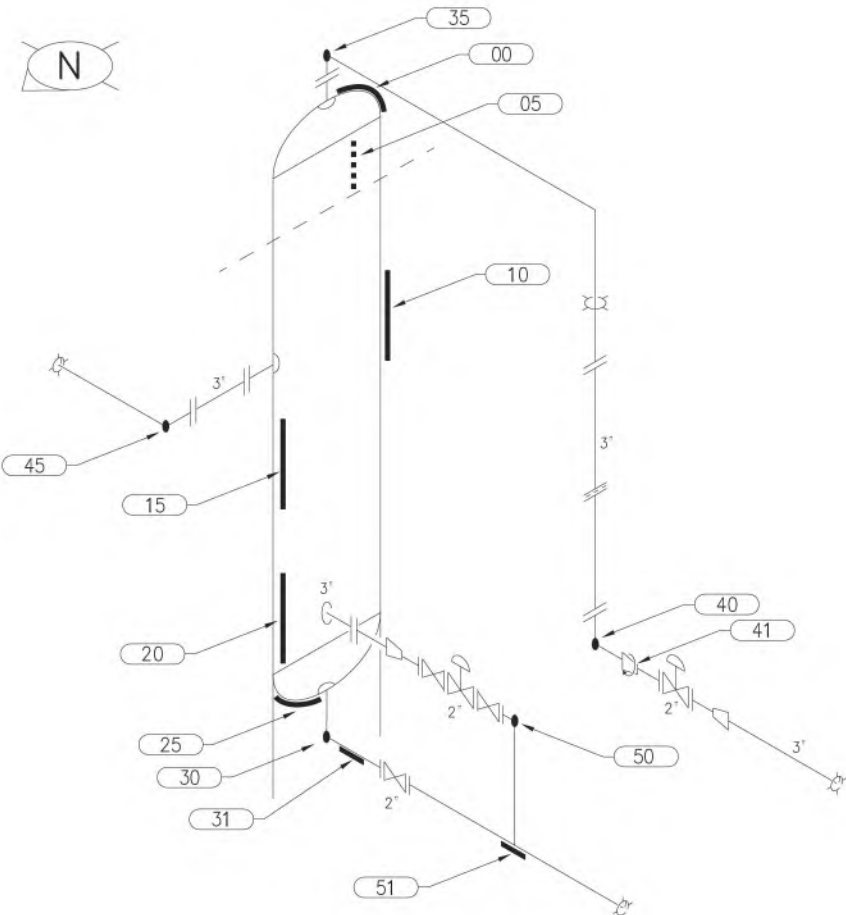
REPORT # A0614247__28FEB2025_UT_VE_GRADYINSPECTIONLTD
LSD 11-28-013-20W4M FACILITY
DH-LSD FIELD ENCHANT
Jur # A0614247 DWG 1
Ser # C3432C.VS Location: Separator

403-793-7697

Po Box 1173 Brooks Alberta T1R 1B9
grady.rustebakke@gmail.com



CML#	Nom	CA/Tol	SFlag	STmin	PTmin	> Tmin	Comp Type	Pipe Size	Code	MOP	Inspection Dates and Thickness Values (mm)				Last	# of Insp	% Nom Wall Loss	Corrosion Rates			Rem Life Date	Rem Life (yrs)	Next Insp Date	Insp Int (yrs)	Inspection Comments
											Baseline Date	Min Ave	3rd Last Date	Min Ave	2nd Last Date	Min Ave		ST	LTn	LTi					



REPORT # A0614247_28FEB2025_UT_VE_GRADYINSPECTIONLTD										403-793-7697										GRADYINSPECTION LTD										
LSD 11-28-013-20W4M					FACILITY																									
DH-LSD					FIELD ENCHANT																									
Jur # A0614247					DWG 1					Location: Separator					Po Box 1173 Brooks Alberta T1R 1B9															grady.rustebakke@gmail.com
Ser # C3432C.VS					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	Date			Min	Ave	ST					
00	23.8	23.7	21.8		20.1	20.1	Head		UG32HeadElli	1440	25/2/28	24.6	25.1							1	-3%						2030-02-27	5.0		
05	25.4	25.3	45.5		20.8	20.8	Shell		UG27ShellInt	1440	25/2/28	25.5	25.6							1	-0%						2030-02-27	5.0		
10	25.4	25.3	45.5		20.8	20.8	Shell		UG27ShellInt	1440	25/2/28	25.6	25.7							1	-1%						2030-02-27	5.0		
15	25.4	25.3	45.5		20.8	20.8	Shell		UG27ShellInt	1440	25/2/28	25.6	25.7							1	-1%						2030-02-27	5.0		
20	25.4	25.3	45.5		20.8	20.8	Shell		UG27ShellInt	1440	25/2/28	25.5	25.7							1	-0%						2030-02-27	5.0		
25	23.8	23.7	21.8		20.1	20.1	Head		UG32HeadElli	1440	25/2/28	24.6	25.1							1	-3%						2030-02-27	5.0		
30	8.7			3.4	23.2	3.4	HNozz	2" -- 160--(8.7mm)	UG45Nozzle	1440	25/2/28	7.9	8.6							1	9%		0.06		2098-11-11	73.8	2030-02-27	5.0		
31	8.7			3.4	23.2	3.4	HNozz	2" -- 160--(8.7mm)	UG45Nozzle	1440	25/2/28	8.5	8.8							1	2%		0.02		2359-06-15	334.5	2030-02-27	5.0		
35	7.6	6.7	2.8	2.0	3.2	3.2	Elbow	3" XS 80--(7.6mm)	API570	1440	25/2/28	7.1	7.6							1	7%		0.04		2127-10-22	102.7	2030-02-27	5.0		
40	7.6	6.7	2.8	2.0	3.2	3.2	Elbow	3" XS 80--(7.6mm)	API570	1440	25/2/28	6.4	7.2							1	16%		0.09		2060-04-02	35.1	2030-02-27	5.0	Corrosion 6:00 DSW	
41	7.6	6.7	2.8	2.0	3.2	3.2	Reducer	3" XS 80--(7.6mm)	API570	1440	25/2/28	6.4	8.0							1	16%		0.09		2060-04-02	35.1	2030-02-27	5.0	Corrosion 6:00	
45	7.6	6.7	2.8	2.0	3.2	3.2	Elbow	3" XS 80--(7.6mm)	API570	1440	25/2/28	7.3	7.7							1	4%		0.02		2205-01-05	180.0	2030-02-27	5.0		
50	5.5	4.8	2.5	1.8	2.2	2.2	Elbow	2" XS 80--(5.5mm)	API570	1440	25/2/28	5.3	5.6							1	4%		0.02		2231-01-08	206.0	2030-02-27	5.0		
51	5.5	4.8	2.5	1.8	2.2	2.2	Tee	2" XS 80--(5.5mm)	API570	1440	25/2/28	6.5	7.5							1	-18%						2030-02-27	5.0		