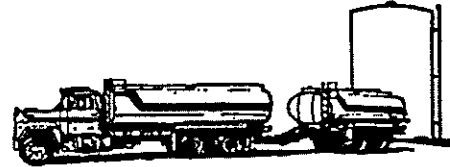


103-35



9500 20 STREET
DAWSON CREEK, BC V1G 5A6
PH (250)782-3833 FAX (250)782-3151
TOLL FREE 1-888-782-3834
EMAIL: nortech@prfs.ca



REG. NO. 25-0176	EXTERNAL VISUAL INSPECTION REPORT				WORKORDER #	40493
CSA B-620 7.2.1	TC No.	306 <input type="checkbox"/>	406 <input type="checkbox"/>	307 <input type="checkbox"/>	407 <input checked="" type="checkbox"/>	350 <input type="checkbox"/>
		312 <input type="checkbox"/>	412 <input type="checkbox"/>	407 / 412 <input type="checkbox"/>	CRUDE	<input type="checkbox"/>

DATE	August 29, 2025	CARRIER	2200 SWAMP DONKEY OILFIELD SERVICES INC.
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UNIT #	150	ADDR	PO BOX 2394 DAWSON CREEK BC V1G 4T9	PHONE #	(250) 782-3377
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TANK SERIAL NUMBER	51-29137	TANK MANUFACTURER	JASPER	MANUFACTURE DATE	May-05	CERTIFICATION DATE	Jun-05
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ASSEMBLER	NORTECH	INSULATED?	NO	SPECIAL SERVICE	N/A	VIN	1NPTX4TXXRD670839
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LAST DECAL	12/24	ORIGINAL TEST DATE	May-05	DESIGN PRESSURE	172 KPA	TEST PRESSURE	310 KPA
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MAWP	172 KPA	MDIN	JTP0001	FUSIBLE VENTING	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NO. OF VENTS	0
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PRESSURE RELIEF VENTING	SET PRESSURE	30 PSI	FLOW	404,694 SCFH	NO. OF VALVES	1
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VACUUM RELIEF VENTING	SET PRESSURE	15 HG	FLOW	3,000 SCFH	NO. OF VALVES	1
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HEAD MATERIAL	316L/316L	HEAD THICKNESS / MIN. REQ.	4.75 MM / 3.94 MM	SHELL MATERIAL	316L/316L	SHELL THICKNESS / MIN. REQ.	3.48 MM / 3.28 MM
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WELD MATERIAL	T316LSS	COATING/LINING NAME	N/A	LOADING LIMITS	LITRES PER MINUTE	OPEN MH	AT	172.0	KPA
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MAXIMUM PRODUCT LOAD	17465	KGS	MAXIMUM LADING DENSITY	1.56	KG/LT	UNLOADING LIMITS	LITRES PER MINUTE	N/A	AT	15.0	HG/VAC
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NORMAL TANK CAPACITY BY COMPARTMENT				MAX. TEMP.		-2952 °C TO °C	
FRONT TO REAR IN LITRES				HEATING SYSTEM		YES <input type="checkbox"/> NO <input type="checkbox"/> X <input type="checkbox"/>	
COMP.	1	21388	2	DESIGN PRESS.		N/A KPA	
	3		4	DESIGN TEMP.		N/A °C	
	5		6	LAST PRODUCT		PURGED TANK SHELL	
	7			ODOMETER		120,231 KM / MILES	
TOTAL CAPACITY		21388 L					

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	INSPECT FOR CORRODED OR ABRADED AREAS ON TANK SHELL AND BULKHEADS - SPECIAL EMPHASIS ON UPPER COUPLER AND REAR SUSPENSION FRAME MOUNTING.		X		
2	INSPECT ENTIRE TANK SURFACE FOR DENTS, DIGS, GOUGES, AND SCRAPES, ESPECIALLY THOSE ON WELD SEAMS. LOOK FOR AREAS OF WETNESS, INDICATING POSSIBLE LEAKS.		X		
3	INSPECT ENTIRE TANK SHELL FOR EXISTING OVERLAY PATCH REPAIRS.		X		
4	INSPECT ALL WELDS FOR DEFECTS, UNDER CUTS, NICKS, DENTS, COLD LAP, AND MIS-ALIGNMENT.		X		
5	INSPECT ENTIRE TANK, INCLUDING CROSS-MEMBERS, OUTRIGGER FRAMES, RE-PADS, AND GUSSETS, FOR CRACKS.		X		
6	CHECK ANY PREVIOUSLY REPAIRED AREAS FOR PROPER REPAIR PROCEDURES AND GOOD WELDING PRACTICES.	X			
7	INSPECT ALL PIPING, VALVES, AND ATTACHMENTS, INCLUDING GASKETS. CHECK FOR LEAKAGE RESIDUE AND AREAS OF WEAKNESS.		X		
8	CHECK DEVICES FOR TIGHTENING, MANHOLE COVERS OPERATIVE, COVERS LEAK PROOF, CHECK FOR WARPAGE, CORROSION, AND GASKET SEAL SURFACES.		X		

51-29137

EXTERNAL INSPECTION REPORT (CONT)

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
9	CHECK EMERGENCY DEVICES, REMOTE SHUT OFF, SELF-CLOSING STOP VALVES, AND FUSIBLE LINKS. CHECK THAT THEY ARE IN PLACE AS REQUIRED BY TANK SPECIFICATIONS AND THEY ARE FREE FROM CORROSION, DISTORTION, OR ANY OTHER DAMAGE THAT WOULD PREVENT NORMAL OPERATION.		X		
10	INSPECT THAT ALL PRESSURE AND VACUUM RELIEF DEVICES ARE IN PLACE AND CORRECT AS PER TANK SPEC PLATE AND TANK SPECIFICATION. CHECK FOR CORROSION OR DAMAGE THAT MIGHT PREVENT THEIR SAFE OPERATION. REMOVE AND BENCH TEST IF APPEARANCE IS SUSPICIOUS.		X		
11	ON MULTI-COMPARTMENT TANKS, CHECK THAT ALL DOUBLE BULKHEAD DRAINS ARE UNPLUGGED. LOOK FOR WETNESS INDICATING POSSIBLE INTERNAL TANK WALL LEAKS.	X			
12	CHECK ALL BOLTED ATTACHMENTS AND MOUNTINGS FOR LOOSE OR MISSING BOLTS AND BROKEN HOLD-DOWN SPRINGS.		X		
13	INSPECT ALL ACCIDENT DAMAGE PROTECTION DEVICES SUCH AS ROLLOVER DEVICES, PLUMBING GUARDS, AND REAR BUMPERS. CHECK THAT THEY ARE UNDAMAGED AND EFFECTIVE.		X		
14	ON INSULATED TANKS, CHECK OUTER SKIN FOR GENERAL GOOD CONDITION. LOOK FOR CRACKS, MISSING RIVETS, TEARING OR LOOSE SHEETS, AND AREAS OF WETNESS THAT MAY INDICATE TANK LEAKAGE.	X			
15	INSPECT THAT ALL REQUIRED MARKING, INCLUDING DATA PLATE, ARE LEGIBLE.		X		
16	TANK MARKING MONTH AND YEAR, AND SERVICE SYMBOL (V) AFTER DEFECTS ARE CORRECTED.		X		
17	CHECK GASKETS ON ANY FULL OPENING REAR HEAD FOR CUTS, CRACKS, OR SPLITS, THAT ARE LIKELY TO CAUSE LEAKAGE.	X			
18	CHECK ATTACHED OR ACCOMPANYING HOSES, IF ANY, FOR MARKINGS, DEFECTS, AND TAGS. SEE ATTACHED HOSE INSPECTION/TEST REPORT.	X			

REMARKS:

EXTERNAL VISUAL INSPECTION CONDUCTED AS PER 7.2.1

LOCATION OF DEFECTS FOUND:

NONE FOUND

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

RETURNED TO SERVICE PENDING RESULTS OF LEAKAGE TESTING TO FOLLOW.
PLEASE SEE REPORT COPY ATTACHED.

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "V" IF PASSED:

YES



NO



TANK DISPOSITION:

NEW CONSTRUCTION



RETURNED TO SERVICE



CONDEMNED



NAME OF PERSON PERFORMING INSPECTION:

PRINT NAME:

ERIK TERKILSEN

SIGNATURE:

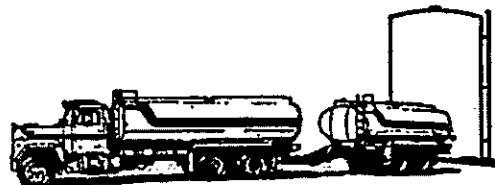


DATE:

29-Aug-25



9500 20 STREET
DAWSON CREEK, BC V1G 5A6
PH (250)782-3833 FAX (250)782-3151
TOLL FREE 1-888-782-3834
EMAIL: nortech@pris.ca



REG. NO. 25-0176

LEAKAGE TEST REPORT

CSA B620 7.2.5

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER **40493**

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM LEAKAGE TEST.

UNIT NUMBER: **150**

MANUFACTURER: **JASPER** SPECIFICATION: **TC407** SERIAL NUMBER: **51-29137**

MAWP: **172 KPA** DETERMINED TEST PRESS: **138 KPA** TEST MEDIUM: **COMPRESSED AIR**

ITEM NO.	ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH TANK IN LEVEL POSITION, OUTLET VALVE(S) CLOSED, DISCHARGE VALVE(S) OPEN, TOP VENT REMOVED, PRESSURE RELIEF VALVES REMOVED, AND OPENINGS PLUGGED, BEGIN TO FILL TANK WITH TEST MEDIUM. TO REACH TEST PRESSURE AT 80% MAWP. CHECK SURFACE, WELDS, MANWAY COVERS FOR ANY LEAKAGE.		X		
2	ON MULTI-COMPARTMENT TANKS, CHECK VOID SPACE DRAINS ARE UNPLUGGED AND NOT LEAKING (COMPARTMENTS TO BE TESTED INDIVIDUALLY).	X			
3	CHECK FOR ANY LEAKING FROM OPEN DISCHARGE VALVE THAT WOULD INDICATE FAILURE OF OUTLET VALVE.		X		
4	CLOSE DISCHARGE VALVE, OPEN OUTLET VALVE, ADD TEST MEDIUM TO REACH TEST PRESSURE. CHECK ALL VALVES AND PIPING FOR LEAKS.		X		
5	TEST TIME: 15 MINUTES (5 MINUTES MINIMUM)		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE WHEN ISOLATED FROM PRESSURE SUPPLY WITH ZERO PRESSURE DROP FOR AT LEAST 10 MINUTES. MONITOR CLADDING AT TANK BOTTOM FOR LEAKS.	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES ☒ NO ☐ SEE REMARKS ☒

REMARKS:

LEAKAGE TEST CONDUCTED AT 80% MAWP AS PER 7.2.5

REMOVED AND BENCH TESTED: **1** P.R.D. TYPE: **FORT VALE HYPER VENT**

SET TO DISCHARGE AT: **30 PSI** OPENED AT: **31 PSI** RESEATED AT: **30 PSI**

REINSTALLED ☒ REPAIRED ☐ REPLACED ☐

LOCATION OF DEFECTS FOUND:

NONE FOUND

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "K" IF PASSED:

YES ☒ NO ☐

TANK DISPOSITION: NEW CONSTRUCTION ☐

RETURNED TO SERVICE ☒

CONDEMNED ☐

NAME OF PERSON PERFORMING TEST:

PRINT NAME:

ERIK TERKILSEN

SIGNATURE:

DATE:

29-Aug-25

NT003 14-Aug-14

MODIFICATION CERTIFICATE OF COMPLIANCE

TANKS MODIFIED OR ALTERED BY :

PHONE: (250)782-3833
FAX: (250)782-3151
TOLL FREE: 1-888-782-3834



9500 20 STREET
DAWSON CREEK, BC V1G 5A6
WEBSITE: <https://nortechweldandfab.ca>
EMAIL: nortech@pris.ca

TRANSPORT CANADA FACILITY REGISTRATION NUMBER : 25-0176

WORKORDER NO: 39243		INSPECTOR: MIKE FRASER		MANUFACTURE DATE: 05/2005	
TANK OWNER: 2200		SWAMP DONKEY OILFIELD SERVICES INC.		PHONE NO: (250) 782-3377	
ADDRESS: PO BOX 2394		PROV: BC		POSTAL CODE: V1G 4T9	
CITY: DAWSON CREEK					

MANUFACTURER	JASPER TANK	VIN	1NPTX4TXXRD670839
ASSEMBLER	JASPER TANK	ORIGINAL MDIN	JTP0001
SERIAL NUMBER	51-29137	TC SPECIFICATION	TC407
ORIG. CERT. DATE	05/2005	MANUFACTURE DATE	05/2005
ORIG TEST DATE	05/2005	DESIGN TEMP. RANGE	-29 °C to 52 °C
MAWP	172.0 KPA	HEAD MATL TYPE/ALLOY	S.S. / 316L
TANK DESIGN PRESSURE	172.0 KPA	MFD./MIN. HEAD THICK.	4.75 / 3.94
ORIG. TEST PRESSURE	310.0 KPA	SHELL MATL. TYPE/ALLOY	S.S. / 316L
RETEST PRESSURE	310.0 KPA	MFD./MIN. TOP SHELL THICK.	3.480 / 3.280
MAX. LADING DENSITY	1.56 KGL	MFD./MIN. BOTTOM SHELL THICK.	3.480 / 3.280
MAX. PAYLOAD	17465 KG	TANK SEAM WELD MATERIAL	T316LSS
MAX. LOAD RATE	OPEN L/MIN M.H. KPA	COATING / LINING MATERIAL	N/A / N/A
MAX. UNLOAD RATE	N/A L/MIN N/A KPA VAC	HEATING SYS. PRESS.	N/A KPA
VOL. CAP. TOTAL	21388 L	HEATING SYSTEM TEMP.	N/A °C
VOL. CAP. LITRES FRONT TO REAR	21388		
EXP. SUR. AREA/COMP	49.09 M²		

NORTECH WELDING & FABRICATING INC. CERTIFIES THAT THE ABOVE NAMED TANK, COMPLETE WITH ALL FITTINGS, VALVES, PIPING, PROTECTIVE DEVICES, AND SYSTEMS, AND ALL MODIFICATION WORK PERFORMED THUS FAR, COMPLIES WITH CSA STANDARD B620.

THE OWNER SHALL RETAIN THIS CERTIFICATE AND ALL OTHER DATA RELATED TO THE TANK FOR THE LIFE OF THE TANK. ALL ORIGINAL DOCUMENTATION SHALL BE TRANSFERRED AT THE TIME OF SALE TO THE PUCHASER, AND THE PRIOR OWNER SHALL RETAIN PHOTOCOPIES FOR ONE YEAR THEREAFTER.

NORTECH CERTIFIES THIS TANK IS FREE OF DEFECTS IN WORKMANSHIP AT THIS TIME AND HAS INFORMED THE TANK OWNER THAT THIS TANK WILL REQUIRE PERIODIC MAINTENANCE AND RE-TESTING, WHICH IS THE RESPONSIBILITY OF THE OWNER.

TANK IS COMPLETE: <input checked="" type="checkbox"/>	TANK IS INCOMPLETE: <input type="checkbox"/>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>VENTING:</p> <table border="1" style="width: 100%;"> <tr><td>NUMBER:</td><td></td></tr> <tr><td>RATING:</td><td></td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width: 100%;"> <tr><td>MODIFIED T.C. SPECIFICATION:</td><td>REMAINS TC407</td></tr> <tr><td>MODIFICATION MDIN:</td><td>N/A</td></tr> </table> </div> </div>		NUMBER:		RATING:		MODIFIED T.C. SPECIFICATION:	REMAINS TC407	MODIFICATION MDIN:	N/A
NUMBER:									
RATING:									
MODIFIED T.C. SPECIFICATION:	REMAINS TC407								
MODIFICATION MDIN:	N/A								
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>REMOUNT: <input type="checkbox"/> DESIGN CHANGE <input type="checkbox"/></p> </div> <div style="width: 45%;"> <p>NO DESIGN CHANGE <input checked="" type="checkbox"/> N/A <input type="checkbox"/></p> </div> </div>									

DESCRIPTION OF MODIFICATION:

TC 407 TANK REMOVED FROM 2005 WESTERN STAR
REMOUNTED ON 2023 PETERBILT CHASSIS AS PER 7.6.6.2 OF CSA B620-20
NO DESIGN CHANGE
OTHER INFORMATION:
QUALITY CONTROL SUPERVISOR: MIKE FRASER

SIGNATURE:

(Signature)

DATE:

12-Dec-23

NT004 10-SEP-21



WELDING & FABRICATING INC

9500 - 20th STREET
DAWSON CREEK, BC V1G 5A6
(250) 782-3833

25-0176

TANK MFR.	JASPER TANK	SPEC.	TC407
TANK SERIAL NUMBER	51-29137		
M.A.W.P.	172	KPA AT	52 °C
REMOUNT-DESIGN CHNG		NO DESIGN CHNG	X
MODIFICATION DATE	DEC. 2023	MDIN	JTP0001
RECERTIFICATION DATE	DEC. 2023	MODIFICATION PLATE	
MOD. TEST DATE	DEC. 2023		

DESCRIPTION OF MODIFICATION: WORKORDER # 39243

JASPER TANK TC407 REMOUNTED ONTO 2023 PETERBILT CHASSIS

AS PER 7.6.6.2 OF CSA B620-20

NO DESIGN CHANGE

V.I.N. 1NPTX4TXXRD670839

SWAMP DONKEY



Amended Certificate of Compliance

10314 267th Street
Acheson, AB
T7X 6A2

This certifies that the new Jasper Tank identified below was designed, constructed, and tested in accordance with CSA Standard B620 Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods Specification No. TC 407

Serial Number 51-29137
Registration Number 25-078
TCRN/MDIN JTP 0001

Date Manufactured 05/05
Capacity 21388 L

Vent RECLOSING Capacity 8771 SCMH Set to discharge pressure 30 PSI/207 KPA
Vent Capacity Set to discharge pressure

Original Test Date 05/05 Certification Date 06/05
MAWP 172 KPA Test Pressure 310 KPA

Density 1.56 KG/L
Design Temperature Range -29C to 52C
Shell Material 316/316L
Minimum Shell Thickness 3.28 MM
Manufactured Shell Thickness 3.48 MM
Weld Material T316LSS
Maximum Loading Rate OPEN M. H.
Lining Material

Payload 17465 KG
Head Material 316/316L
Minimum Head Thickness 3.94 MM
Manufactured Head Thickness 4.75 MM
Exposed Surface 49 SQ. M.
Maximum Unloading Rate N/A

Notes:
-Corrected Compartments from 2 to 1
-Corrected Capacity to Reflect Single
Compartment
-Address Change

Tank Tester
Name: See Original C-C
Address:

Compliance Officer
Name: Chris Wilhauk
Address: 10314 267th Street
Acheson, Alberta T7X 6A2

(Signature)

(Signature)



Certificate of Compliance

200-53016
Highway 60
Acheson, Alberta
T7X 5A7

This certifies that the new Jasper Tank identified below was designed, constructed, and tested in accordance with CSA Standard B620 Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods Specification No. TC 407

Serial Number 51-29137 Date Manufactured 05/05
Registration Number 25-078 Capacity 21388 L
TCRN/MDIN JTP 0001

Vent RECLOSING Capacity 3401 SCMH Set to discharge pressure 30 PSI
Vent RECLOSING Capacity 5717 SCMH Set to discharge pressure 30 PSI

Original Test Date 05/05 Certification Date 06/05
MAWP 172 KPA Test Pressure 310 KPA

Density	1.56 KG/L	Payload	17465 KG	Notes:
Design Temperature Range	-29C to 52C			
Shell Material	316/316L	Head Material	316/316L	
Minimum Shell Thickness	3.28 MM	Minimum Head Thickness	3.94 MM	
Manufactured Shell Thickness	3.48 MM	Manufactured Head Thickness	4.75 MM	
Weld Material	T316LSS	Exposed Surface	49 SQ. M.	
Maximum Loading Rate	OPEN M. H.	Maximum Unloading Rate	N/A	
Lining Material				

Tank Tester

Name: Alan Powless
Address: 200-53016
Highway 60
Acheson, Alberta T7X 5A7

(Signature)

Compliance Officer

Name: Wayton Keith
Address: 200-53016
Highway 60
Acheson, Alberta T7X 5A7

(Signature)



9500 20 STREET
DAWSON CREEK, BC V1G 5A6
PH (250)782-3833 FAX (250)782-3151
TOLL FREE 1-888-782-3834
EMAIL: nortech@pris.ca



REG. NO. 25-0176
CSA B-620 7.2.1

EXTERNAL VISUAL INSPECTION REPORT

WORKORDER # 39243

TC No. 306 ☐ 406 ☐ 307 ☐ 407 ☒ 350 ☐ 312 ☐ 412 ☐ 407 / 412 ☐ CRUDE ☐

DATE 12-Dec-23 CARRIER 2200 SWAMP DONKEY OILFIELD SERVICES INC.

UNIT # ~~150~~ 150 ADDR PO BOX 2394 DAWSON CREEK BC V1G 4T9 PHONE # (250) 782-3377

TANK SERIAL NUMBER 51-29137	TANK MANUFACTURER JASPER	MANUFACTURE DATE May-05	CERTIFICATION DATE Dec-23
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ASSEMBLER JASPER	INSULATED? NO	SPECIAL SERVICE N/A	VIN 1NPTX4TXRD67839
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LAST DECAL 8/22-VK	ORIGINAL TEST DATE May-05	DESIGN PRESSURE 172 KPA	TEST PRESSURE 310 KPA
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MAWP 172 KPA	MDIN JTP0001	FUSIBLE VENTING YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NO. OF VENTS 0
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PRESSURE RELIEF VENTING SET PRESSURE 30 PSI	FLOW 370,794 SCFH	NO. OF VALVES 1
--	-------------------	-----------------

VACUUM RELIEF VENTING SET PRESSURE 15 HG	FLOW 3,000 SCFH	NO. OF VALVES 1
---	-----------------	-----------------

HEAD MATERIAL 316L	HEAD THICKNESS / MIN. REQ. 4.750 / 3.94	SHELL MATERIAL 316L	SHELL THICKNESS / MIN. REQ. 3.480 / 3.280
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WELD MATERIAL T316LSS	COATING/LINING NAME N/A	LOADING LIMITS LITRES PER MINUTE OPEN M.H. AT N/A KPA
--------------------------	----------------------------	--

MAXIMUM PRODUCT LOAD 17465 KGS	MAXIMUM LADING DENSITY 1.56 KG/LT	UNLOADING LIMITS LITRES PER MINUTE N/A AT N/A KPA/LIT
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NORMAL TANK CAPACITY BY COMPARTMENT FRONT TO REAR IN LITRES		MAX. TEMP.	-29 °C TO 52 °C
COMP.	1 21388 2	HEATING SYSTEM	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	3 4	DESIGN PRESS.	N/A KPA
	5 6	DESIGN TEMP.	N/A °C
	7	LAST PRODUCT	PURGED TANK SHELL
TOTAL CAPACITY	21388 L	ODOMETER	635 KM / MILES

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	INSPECT FOR CORRODED OR ABRADED AREAS ON TANK SHELL AND BULKHEADS - SPECIAL EMPHASIS ON UPPER COUPLER AND REAR SUSPENSION FRAME MOUNTING.		X		
2	INSPECT ENTIRE TANK SURFACE FOR DENTS, DIGS, GOUGES, AND SCRAPES, ESPECIALLY THOSE ON WELD SEAMS. LOOK FOR AREAS OF WETNESS, INDICATING POSSIBLE LEAKS.		X		
3	INSPECT ENTIRE TANK SHELL FOR EXISTING OVERLAY PATCH REPAIRS.		X		
4	INSPECT ALL WELDS FOR DEFECTS, UNDER CUTS, NICKS, DENTS, COLD LAP, AND MIS-ALIGNMENT.		X		
5	INSPECT ENTIRE TANK, INCLUDING CROSS-MEMBERS, OUTRIGGER FRAMES, RE-PADS, AND GUSSETS, FOR CRACKS.		X		
6	CHECK ANY PREVIOUSLY REPAIRED AREAS FOR PROPER REPAIR PROCEDURES AND GOOD WELDING PRACTICES.	X			
7	INSPECT ALL PIPING, VALVES, AND ATTACHMENTS, INCLUDING GASKETS. CHECK FOR LEAKAGE RESIDUE AND AREAS OF WEAKNESS.		X		
8	CHECK DEVICES FOR TIGHTENING, MANHOLE COVERS OPERATIVE, COVERS LEAK PROOF, CHECK FOR WARPAGE, CORROSION, AND GASKET SEAL SURFACES.		X		

EXTERNAL INSPECTION REPORT (CONT)

51-29137

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
9	CHECK EMERGENCY DEVICES, REMOTE SHUT OFF, SELF-CLOSING STOP VALVES, AND FUSIBLE LINKS. CHECK THAT THEY ARE IN PLACE AS REQUIRED BY TANK SPECIFICATIONS AND THEY ARE FREE FROM CORROSION, DISTORTION, OR ANY OTHER DAMAGE THAT WOULD PREVENT NORMAL OPERATION.		X		
10	INSPECT THAT ALL PRESSURE AND VACUUM RELIEF DEVICES ARE IN PLACE AND CORRECT AS PER TANK SPEC PLATE AND TANK SPECIFICATION. CHECK FOR CORROSION OR DAMAGE THAT MIGHT PREVENT THEIR SAFE OPERATION. REMOVE AND BENCH TEST IF APPEARANCE IS SUSPICIOUS.		X		
11	ON MULTI-COMPARTMENT TANKS, CHECK THAT ALL DOUBLE BULKHEAD DRAINS ARE UNPLUGGED. LOOK FOR WETNESS INDICATING POSSIBLE INTERNAL TANK WALL LEAKS.	X			
12	CHECK ALL BOLTED ATTACHMENTS AND MOUNTINGS FOR LOOSE OR MISSING BOLTS AND BROKEN HOLD-DOWN SPRINGS.		X		
13	INSPECT ALL ACCIDENT DAMAGE PROTECTION DEVICES SUCH AS ROLLOVER DEVICES, PLUMBING GUARDS, AND REAR BUMPERS. CHECK THAT THEY ARE UNDAMAGED AND EFFECTIVE.		X		
14	ON INSULATED TANKS, CHECK OUTER SKIN FOR GENERAL GOOD CONDITION. LOOK FOR CRACKS, MISSING RIVETS, TEARING OR LOOSE SHEETS, AND AREAS OF WETNESS THAT MAY INDICATE TANK LEAKAGE.	X			
15	INSPECT THAT ALL REQUIRED MARKING, INCLUDING DATA PLATE, ARE LEGIBLE.		X		
16	TANK MARKING MONTH AND YEAR, AND SERVICE SYMBOL (V) AFTER DEFECTS ARE CORRECTED.		X		
17	CHECK GASKETS ON ANY FULL OPENING REAR HEAD FOR CUTS, CRACKS, OR SPLITS, THAT ARE LIKELY TO CAUSE LEAKAGE.	X			
18	CHECK ATTACHED OR ACCOMPANYING HOSES, IF ANY, FOR MARKINGS, DEFECTS, AND TAGS. SEE ATTACHED HOSE INSPECTION/TEST REPORT.		X		

REMARKS:

EXTERNAL VISUAL INSPECTION CONDUCTED AS PER 7.2.1

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.1 INSPECTION PROCEDURES

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

RETURNED TO SERVICE PENDING RESULTS OF FURTHER INSPECTIONS AND TESTING TO FOLLOW.
PLEASE SEE REPORT COPIES ATTACHED.

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "V" IF PASSED:

YES

☒

NO

☐

TANK DISPOSITION:

NEW CONSTRUCTION

☐

RETURNED TO SERVICE

☒

CONDEMNED


☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

MIKE FRASER

SIGNATURE:

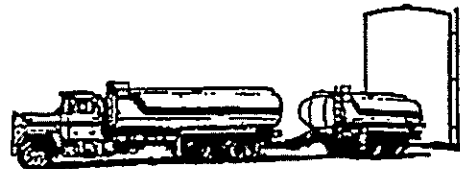


DATE:

12-Dec-23



9500 20 STREET
DAWSON CREEK, BC V1G 5A6
PH (250)782-3833 FAX (250)782-3151
TOLL FREE 1-888-782-3834
EMAIL: nortech@pris.ca



REG. NO. 25-0176

INTERNAL VISUAL INSPECTION REPORT

CSA B620 7.2.2

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

39243

COATING: YES ☐ NO ☒

COATING PRODUCT NAME:

N/A

UNIT NO: 15-031

TANK MANUFACTURER:

JASPER TANK

SERIAL NUMBER:

51-29137

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	CHECK ENTIRE INTERIOR SURFACE FOR CORROSION, ABRASION, DENTS, PITTING, CRACKS, AND DISTORTION. SPECIAL EMPHASIS ON INTERIOR SURFACES COVERED BY EXTERNAL UPPER COUPLER.		X		
2	CHECK ENTIRE INNER TANK SHELL, BAFFLES, AND BULKHEADS FOR PRIOR OVERLAY PATCH REPAIRS.	X			
3	CHECK GAUGING DEVICES FOR VERTICAL ALIGNMENT, WEAR, AND TIGHTNESS.		X		
4	CHECK ALL INTERNAL WELDS FOR DEFECTS.		X		
5	CHECK AREAS AROUND PIPING, SUMPS, AND VALVES FOR FOREIGN MATERIAL THAT COULD PREVENT PROPER VALVE FUNCTIONING.		X		
6	INSPECT INTERNAL VALVE SEAT, GASKET, AND SPRING. HAVE HELP TO OPERATE VALVE TO VISUALLY CHECK PROPER VALVE, PUSH-ROD, AND POSI-VENT FUNCTION AND ADJUSTMENT.	X			
7	VISUALLY INSPECT ENTIRE INTERNAL COATING FOR CRACKS, BLISTERS, LIFTING, AND THINNING.	X			
8	TANK MARKING MONTH, YEAR, AND SERVICE SYMBOL "I" AFTER DEFECTS HAVE BEEN CORRECTED.		X		

REMARKS:

INTERNAL VISUAL INSPECTION AS PER 7.2.2

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.2 INSPECTION

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "I" IF PASSED:

YES

☒

NO

☐

TANK DISPOSITION:

NEW CONSTRUCTION

☐

RETURNED TO SERVICE

☒

CONDEMNED

☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

MIKE FRASER

SIGNATURE:

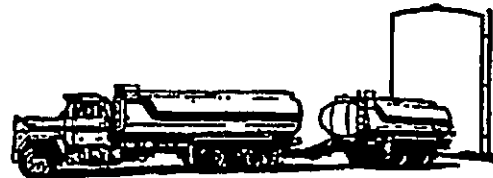
(Signature)

DATE:

12-Dec-23



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EMAIL: nortech@pris.ca



REG. NO. 25-0176

LEAKAGE TEST REPORT

CSA B620 7.2.5

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

39243

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM LEAKAGE TEST.

UNIT NUMBER: 150

MANUFACTURER:	JASPER TANK	SPECIFICATION:	TC407	SERIAL NUMBER:	51-29137
MAWP:	172 KPA	DETERMINED TEST PRESS:	138 KPA	TEST MEDIUM:	COMPRESSED AIR

ITEM NO.	ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH TANK IN LEVEL POSITION, OUTLET VALVE(S) CLOSED, DISCHARGE VALVE(S) OPEN, TOP VENT REMOVED, PRESSURE RELIEF VALVES REMOVED, AND OPENINGS PLUGGED, BEGIN TO FILL TANK WITH TEST MEDIUM. TO REACH TEST PRESSURE AT 80% MAWP. CHECK SURFACE, WELDS, MANWAY COVERS FOR ANY LEAKAGE.		X		
2	ON MULTI-COMPARTMENT TANKS, CHECK VOID SPACE DRAINS ARE UNPLUGGED AND NOT LEAKING (COMPARTMENTS TO BE TESTED INDIVIDUALLY).	X			
3	CHECK FOR ANY LEAKING FROM OPEN DISCHARGE VALVE THAT WOULD INDICATE FAILURE OF OUTLET VALVE.		X		
4	CLOSE DISCHARGE VALVE, OPEN OUTLET VALVE, ADD TEST MEDIUM TO REACH TEST PRESSURE. CHECK ALL VALVES AND PIPING FOR LEAKS.		X		
5	TEST TIME: 15 MINUTES (5 MINUTES MINIMUM)		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE WHEN ISOLATED FROM PRESSURE SUPPLY WITH ZERO PRESSURE DROP FOR AT LEAST 10 MINUTES. MONITOR CLADDING AT TANK BOTTOM FOR LEAKS.	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES ☒ NO ☐ SEE REMARKS ☐

REMARKS:

LEAKAGE TEST CONDUCTED AT 80% MAWP AS PER 7.2.5

REMOVED, BENCH TESTED, AND REINSTALLED: 1 ONLY TOP MOUNTED HYPER VENT ASSEMBLY

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.5 TESTING PROCEDURES

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "K" IF PASSED:

YES ☒ NO ☐

TANK DISPOSITION: NEW CONSTRUCTION ☐

RETURNED TO SERVICE ☒

CONDEMNED ☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

MIKE FRASER

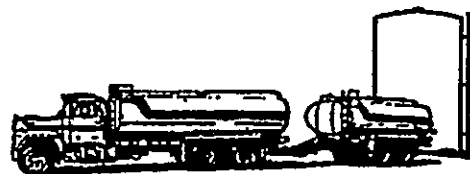
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REG. NO. 25-0176

PNEUMATIC PRESSURE TEST REPORT

CSA B620 7.2.7.8

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

39243

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM PNEUMATIC PRESSURE TEST.

UNIT NO:

258 150

MANUFACTURER:	JASPER TANK	SPECIFICATION:	TC407	SERIAL NUMBER:	51-29137
MAWP:	172 KPA	DETERMINED TEST PRESS:	310 KPA	TANK TEMP:	15 °C

ITEM NO.	PROCEDURE / ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH PRESSURE RELIEF VALVES SET AT LESS THAN TEST PRESSURE, REMOVED, AND OPENINGS PLUGGED, TESTING PRESSURE RELIEF VALVE INSTALLED (TO LIMIT OVERPRESSURIZATION) USE COMPRESSED SHOP AIR TO PRESSURIZE TANK TO MAWP. CAREFULLY INSPECT TANK FOR DEFECTS, DISTORTION, AND AUDIBLE LEAKS. (5 MINUTES MINIMUM)		X		
2	IF NO DEFECTS ARE NOTED IN STEP 1, INCREASE PRESSURE TO DETERMINED TEST PRESSURE FOR TANK SPECIFICATION TYPE. HOLD FOR 10 MINUTES. AGAIN, OBSERVE TANK FOR DEFECTS.		X		
3	REDUCE TEST PRESSURE TO MAWP AND COVER ENTIRE SURFACE, WELDS, AND PRESSURIZED PIPING, WITH A SOAP AND WATER SOLUTION FOR A MINIMUM OF 10 MINUTES. INSPECT FOR BUBBLES INDICATING LEAKS.		X		
4	INSTALL GAUGE ON DISCHARGE OUTLETS. WITH OUTLET VALVE CLOSED, OBSERVE GAUGE FOR PRESSURE RISE INDICATING OUTLET VALVE FAILURE.		X		
5	OPEN OUTLET VALVE TO PRESSURIZE ALL DOWNSTREAM PIPING AND VALVES (TEST PRESSURE MAY BE REDUCED TO 80% MAWP). COVER ALL PIPING, JOINTS, COUPLERS, GASKETS, AND VALVES WITH SOAP AND WATER SOLUTION. INSPECT FOR BUBBLES INDICATING LEAKS.		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE (MAWP) WHEN ISOLATED FROM PRESSURE SOURCE WITH ZERO PRESSURE DROP FOR 60 MINUTES.	X			
7	IF TANK HAS HEATING SYSTEM. SYSTEM IS TO BE TESTED AT 1.5 TIMES SYSTEM MAWP FOR 5 MINUTES. TANK MUST BE AT ATMOSPHERIC PRESSURE. (TEST DUE EVERY 5 YEARS)	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES

☒

NO

☐

SEE REMARKS

☐

REMARKS:

PRESSURE TEST AS PER 7.2.7.8 AT PRESSURES SPECIFIED IN TABLE 7.4

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.7.8 TESTING

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "P" IF PASSED:

YES

☒

NO

☐

TANK DISPOSITION:

NEW CONSTRUCTION

☐

RETURNED TO SERVICE

☒

CONDEMNED

☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

MIKE FRASER

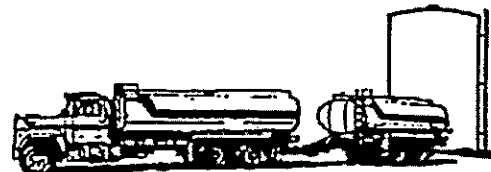
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REG. NO. 25-0176

HOSE ASSEMBLY INSPECTION & TEST REPORT

CSA B620 7.2.10.

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

UNIT NO: **188 150**

WORKORDER NUMBER

39243

THIS INSPECTION IS CONDUCTED ANNUALLY ON ANY HOSE ASSEMBLY CONNECTED TO THE TANK OR TANK ACCESSORY.

TANK MANUFACTURER: **JASPER TANK** SERIAL NUMBER: **51-29137**

ITEM NO.	PROCEDURE / ITEMS CHECKED FOR ALL HOSES
1	INSPECT ALL HOSE FOR HOSE COVER DAMAGE THAT EXPOSES REINFORCING MATERIAL.
2	INSPECT ALL HOSES FOR KINKS, FLAT SPOTS, OR DEFORMED BRAID.
3	INSPECT ALL HOSES FOR SOFT SPOTS, BULGING, OR LOOSE COVERING
4	INSPECT ALL HOSES FOR DAMAGED, SLIPPING, OR WORN HOSE FITTINGS OR COUPLINGS
5	INSPECT ALL HOSE FOR LOOSE OR MISSING BOLTS OR CLAMPS ON FITTINGS.
6	CHECK ALL HOSES TO SEE IF IDENTIFICATION NUMBER OR SERIAL NUMBER IS LEGIBLE.
7	CHECK ALL HOSES READABILITY OF HOSE ASSEMBLY WORKING PRESSURE (H.A.W.P.) STAMP.

*** DAMAGED HOSE ASSEMBLIES MUST BE REPAIRED, OR REPLACED, BEFORE TEST PROCEDURES ARE IMPLEMENTED. ***

8	USING ELEVATED HOSE JIG. FILL HOSE ASSEMBLY WITH WATER. INSTALL GAUGE AND VALVE ASSEMBLY. TEST PRESSURES AS PER 7.2.10.5(b)
9	ISOLATE FROM PRESSURE SUPPLY. INSPECT FOR BULGING, LEAKING, OR DISTORTION. 10 MINUTE TEST DURATION.

TEST RESULTS

HOSE	HOSE MANUFACTURER	H.A.W.P.	SERIAL NO. IF APPLICABLE	HOSE DIA.	HOSE LENG.	DELIV ERY	TRAN SFER	CSA CERT.	SUCTI ON	COUPLING OR FITTING TYPE	PASS / FAIL	REASON FOR FAIL	TAGGED Y/N
1	ARCTIC	150 PSI		3"	18'		X		X	CAMLOCKS	P		Y
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													

REMARKS: HYDRO TEST PRESSURE WAS 120% HAWP. TAG 1 HOSE SECTION 12-23-0176

*** NOTE: ANY HOSES FAILING INSPECTION OR TESTING SHOULD BE REMOVED FROM DANGEROUS GOODS SERVICE A.S.A.P.

HOSE ASSEMBLY DISPOSITION:

NO. RETURNED TO SERVICE

1

NO. CONDEMNED

0

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME: MIKE FRASER	SIGNATURE: 	DATE: 12-Dec-23
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