

XOI-1
NOV

TCRN/CRN# _____
REG NO. 25-323

Decal Information: 09/2026 V 323

Phone # (780)514-0671
Unit # 580

Tank Manufacturer Rebel Metal Fabricators

Transport Canada Specification: TC 412

Certification Date: 03/2014 **MDIN** Z-05-386-18-10

Work Required: 1) External Inspection
4) Thickness Test

2) Internal Inspection
5) Leakage Test

3) Lining Inspection
6) Pressure Test

Conditions that indicate weakness that might render the tank unsafe for transportation:

- a) Corroded Areas – if yes a thickness test required
- c) Defects in Welds/Laminations
- e) Other defects *i.e.: gaskets, packing, seals*
- f) Manhole Covers – Tightening devices operative
- h) Proper functions of: Vent Line Valves
Emergency devices
Excess flow valves

YES	NO
☐	☒
☐	☒
☐	☒
☒	☐
☒	☐
☒	☐
☒	☐

b) Bad Dents
d) Defects in Valves – if yes
explain - _____
g) Insulated
Loading/unloading valves
Self-closing stop valves
Remote closure devices

YES	NO
☐	☒
☐	☒
☐	☒
☒	☐
☒	☐
☒	☐

Comments:

i) Bolts or nuts on any flanged connection or blank flange are in place and tight

☒ ☐

Comments:

j) Legible tank specification plate
Comments:

☒ ☐

legible test markings

☒ ☐

k) All major appurtenances & attachments in good conditions

Cross members
Fifth wheel upper coupler

☒	☐
☐	☐

N/A

Rear Bumper Height
Fenders
Tie down bolts

Good		
✓		
✓		

Comments

- l) Multi compartment tanks
 - Evidence of leakage from void
 - Number of compartments
- m) Reclosing pressure relief
 - Free from corrosion

☐		☒
☐	N/A	☐
1		
☒		☐

Drain is open in void

Relief Valve Tested
Free from damage
Relief valve replaced

☐ N/A ☐

✓
✓

✓

Comments: PRV was visually inspected

**n) Full opening rear head
Gasket replaced**

Gasket free of cuts, cracks

☒ ☐

Comments:

o) Hoses inspected
Hose pressure tested

	N/A	
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Test Pressure

Comments: Not required, Vac hoses

INSPECTOR David Carrothers

SIGNATURE

David Corrothers

DATE 09/04/2026

2) **Internal Test: I**

- a) Corroded Areas
- c) Defects in welds/laminations
- e) Broken Baffles

YES	NO
☐	☐
☐	☐
☐	☐

- b) Bad Dents
- d) Cracks
- f) Lined

YES	NO
☐	☐
☐	☐
☐	☐

Other defects: Explain or elaborate on one above:

Thickness Test required

☐	☐
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Lining Test required

☐	☐
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INSPECTOR _____ SIGNATURE _____ DATE _____

3) **Coating Inspection**

- a) Visual signs of degraded coating
- b) Thickness test required

YES	NO
☐	☐
☐	☐

c) Coating type: _____

Comments

INSPECTOR _____ SIGNATURE _____ DATE _____

4) **Thickness Test = T**

- a) Head Thickness
- c) Shell bottom
- e) Near a Baffle
- g) Near Nominal liquid level lines

Mfg Thickness Actual Thickness

- b) Shell Side/Top
- d) Around discharge openings
- f) Near a Fifth Wheel
- h) On shell to shell joints

Mfg Thickness Actual Thickness

Minimum Allowable Thickness according to specification plate or table
8.x & 8.5 or 10% less than nominal thickness _____

Head _____ Shell _____

Comments:

INSPECTOR _____ SIGNATURE _____ DATE _____

5a) Leakage Test – First Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐		☐	☐
Any Venting devices blocked or removed	☐	☐		☐	☐
Test Pressure _____	(80% of M.A.W.P.)		Re-Test Leakage MAWP		
Product piping with all valves & accessories					
In place & operative	☐	☐	Distortion	☐	☐
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

5b) Leakage Test – Second Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐		☐	☐
Any Venting devices blocked or removed	☐	☐		☐	☐
Test Pressure _____	(80% of M.A.W.P.)		Re-Test Leakage MAWP		
Product piping with all valves & accessories					
In place & operative	☐	☐	Distortion	☐	☐
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

5c) Leakage Test – Third Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐		☐	☐
Any Venting devices blocked or removed	☐	☐		☐	☐
Test Pressure _____	(80% of M.A.W.P.)		Re-Test Leakage MAWP		
Product piping with all valves & accessories					
In place & operative	☐	☐	Distortion	☐	☐
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

5d) Leakage Test – Fourth Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐		☐	☐
Any Venting devices blocked or removed	☐	☐		☐	☐
Test Pressure _____	(80% of M.A.W.P.)		Re-Test Leakage MAWP		
Product piping with all valves & accessories					
In place & operative	☐	☐	Distortion	☐	☐
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

INSPECTOR _____ SIGNATURE _____ DATE _____

6a) Pressure Test – First Compartment = P

Original Test	YES	NO	Re-Test	YES	NO
Pressure Relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure _____		

Comments: ie If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

6b) Pressure Test - Second Compartment = P

Original Test	YES	NO	Re-Test	YES	NO
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure _____		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

6c) Pressure Test – Third Compartment = P

Original Test	YES	NO	Re-Test	YES	NO
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure _____		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

6d) Pressure Test – Fourth Compartment = P

Original Test	YES	NO	Re-Test	YES	NO
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure _____		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

INSPECTOR _____ SIGNATURE _____ DATE _____
 No Defects or Damages _____

NEXT TEST: EXTERNAL 03/2027 6mons INTERNAL 03/2027 1yr
 LEAKAGE 03/2027 1yr HYDRO 03/2028 2yrs
 THICKNESS 03/2028 2yrs LINING N/A

REMOVED FROM SERVICE ☐ RETURNED TO SERVICE ☒ Sour Service ☐ Acid Service ☐

NOTES:—

Has met all requirements to the best of my knowledge and returned to service

David Corrothers

Sept 4/2026

TANK TESTING INSPECTION SHEET

Ted Beath Welding Ltd.
Box 6628, Drayton Valley, Alberta
T7A 1S1 PH: 780-542-5593
Fax: 780-621-0180
E-mail: sales@tbwl.ca

TCRN/CRN# _____
REG NO. 25-323

Date: March 17/2026 Decal Information: 03/2026 V.K.I.P.T 323

Owner of Tank: Landvac Services Ltd.

Phone # (780)514-0671

Address: 4737-44 St. Drayton Valley, AB T7A 1H2

Unit # 580

Tank S/N PRTVAC2-714-06-14

Tank Manufacturer Rebel Metal Fabricators

Date Mfg: 03/2014

Transport Canada Specification: TC 412

VIN # 3ALPGND10EDGA1436

Certification Date: 03/2014

MDIN Z-05-386-18-10

Assembler Rebel Metal Fabricators Ltd

Work Required: 1) External Inspection ☒ 2) Internal Inspection ☒ 3) Lining Inspection ☐
4) Thickness Test ☒ 5) Leakage Test ☒ 6) Pressure Test ☒

1) External Inspection = V

Conditions that indicate weakness that might render the tank unsafe for transportation:

	YES	NO		YES	NO
a) Corroded Areas – if yes a thickness test required	☐	☒	b) Bad Dents	☐	☒
c) Defects in Welds/Laminations	☐	☒	d) Defects in Valves – if yes explain -	☐	☒
e) Other defects i.e.: gaskets, packing, seals	☐	☒	g) Insulated	☐	☒
f) Manhole Covers – Tightening devices operative	☒	☐	Loading/unloading valves	☒	☐
h) Proper functions of: Vent Line Valves	☒	☐	Self-closing stop valves	☒	☐
Emergency devices	☒	☐	Remote closure devices	☒	☐
Excess flow valves	☒	☐			

Comments:

i) Bolts or nuts on any flanged connection or blank flange are in place and tight

☒ ☐

Comments:

j) Legible tank specification plate

☒ ☐

legible test markings

☒ ☐

Comments:

k) All major appurtenances & attachments in good conditions

Cross members ☒ ☐
Fifth wheel upper coupler ☒ ☐

Rear Bumper Height

Good

Fenders

Tie down bolts

☒ ☐
☒ ☐

Comments:

l) Multi compartment tanks

Evidence of leakage from void

Number of compartments

☐ ☒
☐ ☐
1

Drain is open in void

☐ ☒ ☐

m) Reclosing pressure relief

Free from corrosion

☒ ☐

Relief Valve Tested

Free from damage

Relief valve replaced

☒ ☐
☒ ☐
☐ ☒

Comments:

n) Full opening rear head

Gasket replaced

☒ ☐
☐ ☒

Gasket free of cuts, cracks

☒ ☐

Comments:

o) Hoses inspected

Hose pressure tested

☐ ☒ ☐

Test Pressure

Comments:

Not required, Tested by others

INSPECTOR David Carrothers

SIGNATURE

David Carrothers

DATE 03/17/2026

2) **Internal Test: I**

- a) Corroded Areas
 c) Defects in welds/laminations
 e) Broken Baffles

YES	NO
☒	☐
☐	☒
☐	☒

- b) Bad Dents
 d) Cracks
 f) Lined

YES	NO
☐	☒
☐	☒
☐	☒

Other defects: Explain or elaborate on one above:

Thickness Test required

☐	☒
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Lining Test required

☐	☒
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INSPECTOR David Carrothers

SIGNATURE

David Carrothers

DATE 03/17/2026

3) **Coating Inspection**

- a) Visual signs of degraded coating
 b) Thickness test required

YES	NO
☐	☐
☐	☐

c) Coating type: _____

Comments

INSPECTOR _____

SIGNATURE _____

DATE _____

4) **Thickness Test = T**

	<i>Mfg Thickness</i>	<i>Actual Thickness</i>		<i>Mfg Thickness</i>	<i>Actual Thickness</i>
a) Head Thickness	8.4	7.8	b) Shell Side/Top	7.9	7.7
c) Shell bottom	7.9	6.3	d) Around discharge openings	7.9	7.7
e) Near a Baffle	7.9	7.6	f) Near a Fifth Wheel	N/A	
g) Near Nominal liquid level lines	7.9	7.6	h) On shell to shell joints	7.9	7.6

Minimum Allowable Thickness according to specification plate or table
 8.x & 8.5 or 10% less than nominal thickness _____

Head 6.8 Shell 6.3

Comments: Unlined Tank

INSPECTOR David Carrothers

SIGNATURE

David Carrothers

DATE 03/17/2026

5a) Leakage Test – First Compartment – K

	YES	NO		YES	NO
Original Test	☐	☒	Re-Test	☐	☒
Any Venting devices blocked or removed	☐	☒	Leakage	☐	☒
Test Pressure 20 psi (80% of M.A.W.P.)			MAWP	25 psi	
Product piping with all valves & accessories			Distortion	☐	☒
In place & operative	☒	☐			
Test pressure held for 5 minutes	☒	☐			

Test Medium Water

Comments : ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

Test held for 5-10 mins

5b) Leakage Test – Second Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Any Venting devices blocked or removed	☐	☐	Leakage	☐	☐
Test Pressure (80% of M.A.W.P.)			MAWP		
Product piping with all valves & accessories			Distortion	☐	☐
In place & operative	☐	☐			
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

5c) Leakage Test – Third Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Any Venting devices blocked or removed	☐	☐	Leakage	☐	☐
Test Pressure (80% of M.A.W.P.)			MAWP		
Product piping with all valves & accessories			Distortion	☐	☐
In place & operative	☐	☐			
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

5d) Leakage Test – Fourth Compartment – K

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Any Venting devices blocked or removed	☐	☐	Leakage	☐	☐
Test Pressure (80% of M.A.W.P.)			MAWP		
Product piping with all valves & accessories			Distortion	☐	☐
In place & operative	☐	☐			
Test pressure held for 5 minutes	☐	☐			

Test Medium _____

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

INSPECTOR David Carrothers

SIGNATURE

David CarrothersDATE 03/17/2026

6a) Pressure Test – First Compartment = P

	YES	NO		YES	NO
Original Test	☐	☒	Re-Test	☐	☒
Pressure Relief device Tested	☒	☐	Pressure relief device replaced	☐	☒
Leakage	☐	☒	Distortion	☐	☒
Test Head held for 10 minutes	☒	☐			
Test Medium <u>Water</u>			Test Pressure	259k _{psi}	

Comments: ie If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

Test held for 10-15 mins, PRV was bench tested

6b) Pressure Test - Second Compartment = P

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

6c) Pressure Test – Third Compartment = P

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

6d) Pressure Test – Fourth Compartment = P

	YES	NO		YES	NO
Original Test	☐	☐	Re-Test	☐	☐
Pressure relief device Tested	☐	☐	Pressure relief device replaced	☐	☐
Leakage	☐	☐	Distortion	☐	☐
Test Head held for 10 minutes	☐	☐			
Test Medium _____			Test Pressure		

Comments: ie. If defects were found, how were they discovered, their location, nature of severity of each defect & how were they repaired. If necessary, draw a picture on the back of this page.

INSPECTOR David Carrothers SIGNATURE David Carrothers DATE 3/17/2026
No Defects or Damages

NEXT TEST: EXTERNAL 09/2026 6mons INTERNAL 03/2027 1yr
LEAKAGE 03/2027 1yr HYDRO 03/2028 2yrs
THICKNESS 03/2028 2yrs LINING N/A

REMOVED FROM SERVICE ☐ RETURNED TO SERVICE ☒ Sour Service ☐ Acid Service ☐

NOTES: _____

Has met all requirements to the best of my knowledge and returned to service

David Carrothers

March 17/2026