#18290



Created By: Ladell Kaupp

Tel: ✓TC Registration: 780-832-8264

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Tank Data

Ser. No.	L1-105333		
Unit Number	325A		
TC Spec.	, TC 407		
Date of mfr.	2019-09-01		
Cert. date	2019-09-01		
VIN	IPMKF3932L1105333		
Tank mfr.	POLAR TANKS		
Assembler	POLAR TANKS		
MDIN	L1-105333		
MAWP	172 kPa		
Test P.	310 kPa		
Mfd, head thick	4.191 mm *		
Min. head thick	3.302 mm		
Mfd. shell thick	, 3.480 mm		
Min. shell thick	3.277 mm		
Exposed Surface	65 m2		
Cap.	28391 litres		
Design Temp. Range	-29 C to 100 C		
Max. Lading Density	1.92 kg/L		
Shell Material	SA240-T316/T316L		
Head Material	SA240 T316/T316L		
Weld Material	T317L		
Max. Payload	21772 kg		
Max. Load Rate	1893 L/m at 172 kPa		
Max. Unload Rate	1893 L/m at 172 kPa		
Original Test Date	2019-09-01		

External Visual Inspections (L1-105333)



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TC Registration:

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Client

TROUBADOUR TRUCKING & EARTH WORKS BOX 446 BEAVERLODGE, AB, T0H3C0 Ph. No. - 7809780187

Tank

Ser. No. L1-105333 TC 407 TC Spec. 2019-09-01 Cert. date POLAR TANKS Tank mfr. L1-105333 MDIN 310 kPa Test P. 3.302 mm Min. head thick Min. shell thick 3.277 mm 28391 litres Cap. 1.92 kg/L Max. Lading Density SA240 T316/T316L **Head Material** 21772 kg Max. Payload 1893 L/m at 172 kPa Max. Unload Rate

325A **Unit Number** Date of mfr. 2019-09-01 1PMKF3932L1105333 VIN Assembler POLAR TANKS MAWP 172 kPa 4.191 mm Mfd, head thick Mfd. shell thick 3.480 mm 65 m2 **Exposed Surface** Design Temp. Range -29 C to 100 C SA240-T316/T316L Shell Material Weld Material T317L Max. Load Rate 1893 L/m at 172 kPa 2019-09-01 **Original Test Date**

External Visual Inspection

Inspection Date Manway Pressure 2024-11-08 52/78 psi Inspection Expiry Date

2025-11-30

Inspection

Inspect jacketing for dents, digs, scrapes, gouges, perforations, stains, or other defects or signs of damage to the inner vessel or any other condition that might make it unsafe as per 7.2.1(a)

Not Applicable

Inspect the entire area of head and shell for dents, gouges, bulges, corrosion, abrasion, cracks, or signs of leakage or other conditions that might render it unsafe for transport as per 7.2.1(a)

Pass

Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)

Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)

Pass

Check all valves, vents, emergency devices and remote closures for corrosion, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(c)

Ensure all required markings are legible including manway, PRV, couplings, valves and specification plate as per 7.2.1(e)

Inspect supporting structures, pads, bolsters, tie-downs and protective devices for dents, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(f)

Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4 and 7.2.10.6 Pass

11/8/24, 3:18 PM

External Visual Inspections » eStandard Solutions

Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2

Not Applicable

Corroded or abraded areas are thickness tested as per 7.2.1.3

All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4

If lading is corrosive to PRV: re-closing pressure relief valves are replaced or tested as per 7.2.1.4(b)

Not Applicable

Gaskets on full opening rear head is inspected and replaced if cut, cracked or split as per 7.2.1.5

Not Applicable

Internal self closing valve and off truck emergency shut down system tested as per 7.2.1.6

Not Applicable

Ensure that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened

Pass

Defects

No defects found.

PRV List

— "	Type of PRV	. Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
, #	type of rice	· management			الإستانية بياسانية		
	+			1 10	30	29	Reinstalled
	PRESSURE/VACUUM	GIRARD	psi	30	30	2,	
1	PRESSURE/VACCOM	Gira iii.					
	£						

Tank Disposition

Current Disposition Passed / No Defects Found

Approval

Inspector Signed by Ladell Kaupp Tester Signed by LADELL KAUPP

Leakage Tests (L1-105333)



Created By: Ladell Kaupp

Tel: TC Registration: 780-832-8264

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Client

TROUBADOUR TRUCKING & EARTH WORKS BOX 446 BEAVERLODGE, AB, T0H3C0 Ph. No. - 7809780187

Tank

L1-105333 Ser. No. TC 407 TC Spec. 2019-09-01 Cert. date POLAR TANKS Tank mfr. L1-105333 **MDIN** 310 kPa Test P. Min, head thick 3.302 mm 3.277 mm Min. shell thick ţ ·Z, 28391 litres Cap. 1.92 kg/L Max. Lading Density SA240 T316/T316L Head Material 21772 kg Max, Payload 1893 L/m at 172 kPa Max. Unload Rate

Unit Number 325A 2019-09-01 Date of mfr. VIN 1PMKF3932L1105333 POLAR TANKS Assembler 172 kPa MAWP Mfd. head thick 4.191 mm Mfd. shell thick 3.480 mm 65 m2 **Exposed Surface** Design Temp. Range -29 C to 100 C SA240-T316/T316L Shell Material T317L Weld Material 1893 L/m at 172 kPa Max. Load Rate 2019-09-01 **Original Test Date**

Leakage Test

Inspection Date Test Medium 2024-11-08 Water Inspection Expiry Date
No. of Compartments

2025-11-30

Compartment #	Start (psi)	End (psi)	Hold Time (min)	Capacity
1	20	20	10	28391L

Test Results

Venting devices hold pressure as required, if removed they are bench tested and hold pressure as required Pass

Product piping and valves hold pressure without leakage

Manways and closures inspected for leaks or deformation

Flanged connections checked for leakage

Pass

Inspect the entire area of the head, shell and welds for leaks or deformation including voids and adjacent compartments Pass

Test pressure maintained for minimum of 5 minutes

Pass

All leaks are repaired before the tank is marked

Pass

Inspect head shell

Defects

No defects found.

Tank Disposition

Current Disposition

Passed / No Defects Found

Approval

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JK

Inspector Signed by Ladell Kaupp Tester Signed by LADELL KAUPP

Internal Visual Inspections (L1-105333)



Created By: Ladell Kaupp

Tel:

780-832-8264

TC Registration:

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Client

TROUBADOUR TRUCKING & EARTH WORKS **BOX 446** BEAVERLODGE, AB, T0H3C0 Ph. No. - 7809780187

Tank

Ser. No. TC Spec. Cert. date Tank mfr. MDIN Test P. Min. head thick Min. shell thick Cap. Max. Lading Density Head Material Max. Payload

TC 407 2019-09-01 POLAR TANKS L1-105333 310 kPa 3.302 mm 3.277 mm 28391 litres 1.92 kg/L SA240 T316/T316L 21772 kg 1893 L/m at 172 kPa

L1-105333

Unit Number Date of mfr. VIN Assembler MAWP Mfd. head thick Mfd. shell thick **Exposed Surface** Design Temp. Range Sheli Material Weld Material

2019-09-01 IPMKF3932L1105333 POLAR TANKS 172 kPa 4.191 mm 3.480 mm 65 m2 -29 C to 100 C SA240-T316/T316L T317L Max. Load Rate 1893 L/m at 172 kPa Original Test Date 2019-09-01

Internal Visual Inspection

Inspection Date

Max, Unload Rate

2024-11-08

Inspection Expiry Date

2029-11-30

325A

Inspection

Lining test completed if lined as per 7.2.2.1(c)

Not Applicable

Enter the tank and inspect for: dents, gouges, cracks, corrosion, abrasions or signs of leakage in the shell or heads including bulkheads as per 7.2.2.1(a)

Inspect piping, valves and gaskets for damage as per 7.2.2.1(a)

Inspect every weld for cracks, defects or signs of leakage as per 7.2.2.1(b)

Corroded areas are thickness tested if found as per 7.2.2.1(d)

Pass

Defects

No defects found.

Tank Disposition

Current Disposition

Passed / No Defects Found

Approval

11/8/24, 3:21 PM

IK

ZK

Inspector Signed by Ladell Kaupp Tester Signed by LADELL KAUPP

Pressure Tests (L1-105333)



Created By: Ladell Kaupp

Tel:

780-832-8264

TC Registration:

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Client

TROUBADOUR TRUCKING & EARTH WORKS BOX 446 BEAVERLODGE, AB, T0H3C0 Ph. No. - 7809780187

Tank

L1-105333 Ser. No. TC 407 TC Spec. 2019-09-01 Cert. date POLAR TANKS Tank mfr. L1-105333 MDIN 310 kPa Test P. 3.302 mm Min. head thick 3.277 mm Min. shell thick 28391 litres Cap. 1.92 kg/L Max. Lading Density SA240 T316/T316L Head Material 21772 kg Max. Payload 1893 L/m at 172 kPa Max. Unload Rate

325A **Unit Number** 2019-09-01 Date of mfr. 1PMKF3932L1105333 VIN POLAR TANKS Assembler MAWP 172 kPa 4.191 mm Mfd. head thick Mfd, shell thick 3.480 mm 65 m2 **Exposed Surface** -29 C to 100 C Design Temp. Range SA240-T316/T316L Shell Material T317L Weld Material 1893 L/m at 172 kPa Max. Load Rate 2019-09-01 **Original Test Date**

Pressure Test

Inspection Date	2024-11-08			
Inspection Expiry Date	2029-11-30			
Test Medium	Water			
No. of Compartments	1			
	Start (psi)	End (psi)	Hold Time	
Compartment 1	40	40	10 MIN	

Test Results

When venting devices are removed, they are bench tested and meet the requirements for the tank Pass

Product piping with all valves and accessories in place and operative must be pressure tested at not less than 80% MAWP Pass

When removed from the pressure supply, the test pressure is retained for the specified time for the pneumatic or hydrostatic test Pass

Inspect the entire area of the head, shell and welds for leaks or deformation. If defects found note the location on the report Pass

Defects

No defects found.

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PRV List

# Type of PRV	Manufacturer PRV Cr	iteria , Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
# Type of PRV 1 PRESSURE/VACUUM	GIRARD psi	30	30	29	Reinstalled
Tank Disposition					
Current Disposition Page	ssed / No Defects Found				

Approval

1K

LK.

Inspector Signed by Ladell Kaupp Tester Signed by LADELL KAUPP

Upper Coupler Inspections (L1-105333)



Created By: Ladell Kaupp

Tel:

780-832-8264

TC Registration:

25-1302 (Expires: 2028-09-05)

Facility

TNT Tank and Trailer Repair LP 722052 Range Road 53 County of GP #1 Grande Prairie, AB, T8X 4J5 587-803-3900

Client

TROUBADOUR TRUCKING & EARTH WORKS BOX 446 BEAVERLODGE, AB, T0H3C0 Ph. No. - 7809780187

Tank

L1-105333 Ser. No. TC 407 TC Spec. 2019-09-01 Cert. date POLAR TANKS Tank mfr. L1-105333 MDIN 310 kPa Test P. 3.302 mm Min. head thick 3.277 mm Min. shell thick 28391 litres Cap. 1.92 kg/L Max. Lading Density SA240 T316/T316L Head Material 21772 kg Max. Payload

Unit Number Date of mfr. VIN Assembler MAWP Mfd. head thick Mfd. shell thick **Exposed Surface** Design Temp. Range Shell Material Weld Material Max. Load Rate Original Test Date

2019-09-01 IPMKF3932L1105333 POLAR TANKS 172 kPa 4.191 mm 3.480 mm 65 m2 -29 C to 100 C SA240-T316/T316L T317L 1893 L/m at 172 kPa

325A

Upper Coupler Inspection

Inspection Date

Max. Unload Rate

2024-11-08

1893 L/m at 172 kPa

Inspection Expiry Date

2029-11-30

2019-09-01

Inspection

Corroded or abraded areas Cracks or defects in welds Pass Dents or distortions Pass Defects No defects found.

Tank Disposition

Current Disposition

Passed / No Defects Found

Approval