

D10-4

#18290

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

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	1PMKF3932L1105333
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

Service provided by **eStandard Solutions**

External 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
 BEAVER LODGE, AB, T0H3C0
 Ph. No. - 7809780187

Tank

Ser. No.	L1-105333	Unit Number	325A
TC Spec.	TC 407	Date of mfr.	2019-09-01
Cert. date	2019-09-01	VIN	1PMKF3932L1105333
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 Inspection

Inspection Date	2024-11-08	Inspection Expiry Date	2025-11-30
Manway Pressure	52/78 psi		

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)
 Pass

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)
 Pass

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

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)
 Pass

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

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
Pass

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

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

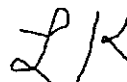
No defects found.

PRV List

#	Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
1	PRESSURE/VACUUM	GIRARD	psi	30	30	29	Reinstalled

Tank Disposition

Current Disposition	Passed / No Defects Found
---------------------	---------------------------

Approval

Inspector
Signed by Ladell Kaupp

Tester
Signed by LADELL KAUPP

Service provided by **eStandard Solutions**

Leakage 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

Ser. No.	L1-105333	Unit Number	325A
TC Spec.	TC 407	Date of mfr.	2019-09-01
Cert. date	2019-09-01	VIN	1PMKF3932L1105333
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

Leakage Test

Inspection Date	2024-11-08	Inspection Expiry Date	2025-11-30
Test Medium	Water	No. of Compartments	1

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
 Pass

Manways and closures inspected for leaks or deformation
 Pass

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

11/8/24, 3:19 PM

Inspect head shell

Defects

No defects found.

Tank Disposition

Current Disposition Passed / No Defects Found

Approval

LK

LK

Inspector
Signed by Ladell Kaupp

Tester
Signed by LADELL KAUPP

Service provided by **eStandard Solutions**

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.	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

Internal Visual Inspection

Inspection Date 2024-11-08 Inspection Expiry Date 2029-11-30

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)
 Pass

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

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

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

LK

LK

Inspector
Signed by Ladell Kaupp

Tester
Signed by LADELL KAUPP

Service provided by **eStandardSolutions**

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

Ser. No.	L1-105333	Unit Number	325A
TC Spec.	TC 407	Date of mfr.	2019-09-01
Cert. date	2019-09-01	VIN	1PMKF3932L1105333
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

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.

PRV List

#	Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
1	PRESSURE/VACUUM	GIRARD	psi	30	30	29	Reinstalled

Tank Disposition

Current Disposition	Passed / No Defects Found
---------------------	---------------------------

Approval

LK

LK

Inspector
Signed by Ladell Kaupp

Tester
Signed by LADELL KAUPP

Service provided by **eStandardSolutions**

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

Ser. No.	L1-105333	Unit Number	325A
TC Spec.	TC 407	Date of mfr.	2019-09-01
Cert. date	2019-09-01	VIN	1PMKF3932L1105333
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

Upper Coupler Inspection

Inspection Date	2024-11-08	Inspection Expiry Date	2029-11-30
Inspection			
Corroded or abraded areas			
Pass			
Cracks or defects in welds			
Pass			
Dents or distortions			
Pass			
Defects			
No defects found.			

Tank Disposition

Current Disposition Passed / No Defects Found

Approval