

External Visual Inspections - 15-13791 - 2023-10-05

Authoring Information

Created By	Shane Arps 17808753459
Facility	Fusion Tank Services 780-875-3459 6007 52nd ave Lloydminster, AB T9V 2S7
Created	2023-10-05 11:44:39
Updated	2023-10-05 11:44:39
Client	
Company	Torq Trucking 2015 Ltd. 1810-250 6Ave SW Calgary, AB T2P3H7
Contact	Torq Trucking Ltd. 7808759693

Tank Data

Ser. No.	15-13791
Unit Number	Torq T6003
TC Spec.	TC 406Crude
Date of mfr.	2014-06-01
Cert. date	2014-06-01
VIN	2H9AA6HN4FT002039
Tank mfr.	Tremcar
Assembler	Tremcar
MDIN	10334
MAWP	20.7 kPa
Test P.	34.5 kPa
Mfd. head thick	6.35 mm
Min. head thick	4.39 mm
Mfd. shell thick	6.35 (bottom) 4.75 (upper) mm
Min. shell thick	4.06 mm
Exposed Surface	45.388 m2
Cap.	18000 litres
Design Temp. Range	-40 C to 100 C
Max. Lading Density	.92 kg/L
Shell Material	5454-H32
Head Material	5454-0
Weld Material	5356
Max. Payload	16560 kg
Max. Load Rate	1893 L/m at 20.7 kPa
Max. Unload Rate	1893 L/m at 20.7 kPa
Original Test Date	2014-06-01

External Visual Inspection

Inspection Date	2023-10-05
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Inspection Expiry Date	2026-04-05
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Manway Pressure	3.63 psi
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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)

Repair

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

Not Applicable

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

Not Applicable

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

Repair

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

Pass

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

Pass

Defects**Valves-PRV-Manways**

-Tiona vents fail (remove/replace)

Hoses-Other

-jack leg seized/broken (remove/replace)

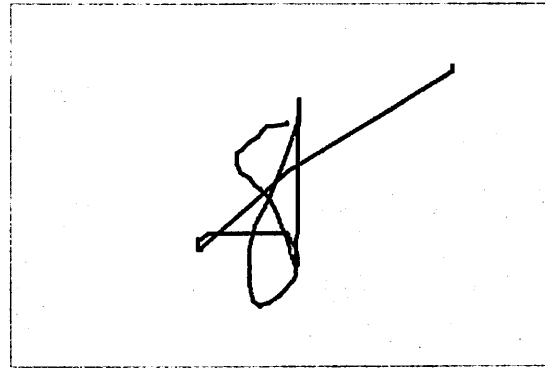
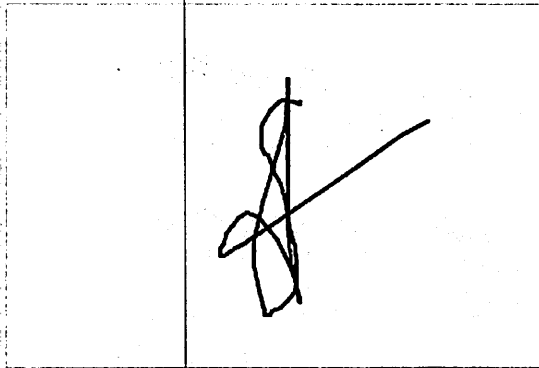
-Dump valve packing seized (remove/replace packing gland)

PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
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Tank Disposition

Current Disposition Tank Repaired / Re-Tested / Returned to Service

Approval

Inspector
Shane Arps

Tester
Shane Arps

Service provided by eStandard Solutions.

J20-29

Pressure Tests - 15-13791 - 2023-10-05

Authoring Information

Created By	Shane Arps 17808753459
Facility	Fusion Tank Services 780-875-3459 6007 52nd ave Lloydminster, AB T9V 2S7
Created	2023-10-05 11:51:44
Updated	2023-10-05 11:51:44

Client

Company	Torq Trucking 2015 Ltd. 1810-250 6Ave SW Calgary, AB T2P3H7
Contact	Torq Trucking Ltd. 7808759693

Tank Data

Ser. No.	15-13791
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Cert. date	2014-06-01
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Max. Unload Rate	1893 L/m at 20.7 kPa
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Pressure Test

Inspection Date 2023-10-05

Inspection Expiry Date 2028-10-05

Test Medium Air

No. of Compartments 1

Compartment 1	Start (psi)	End (psi)	Hold Time
	5	5	60

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

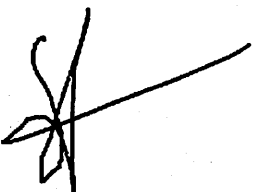
No defects found.

PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
# 1						
PRESSURE/VACCUM	Tiona	psi	494084 SCFH @ 6.25 PSI	3.63 psi 1 HG	3.63 psi 1 HG	Reinstalled
# 2						
PRESSURE/VACUUM	Tiona	psi	494084 @ 6.25 psi	3.63 psi 1 HG	3.63 psi 1 HG	Reinstalled

Tank Disposition

Current Disposition Passed / No Defects Found

Approval

Inspector
Shane Arps



Tester
Shane Arps

Leakage Tests - 15-13791 - 2023-10-05

Authoring Information

Created By	Shane Arps 17808753459
Facility	Fusion Tank Services 780-875-3459 6007 52nd ave Lloydminster, AB T9V 2S7
Created	2023-10-05 11:47:19
Updated	2023-10-05 11:47:19
Client	
Company	Torq Trucking 2015 Ltd. 1810-250 6Ave SW Calgary, AB T2P3H7
Contact	Torq Trucking Ltd. 7808759693

Tank Data

Ser. No.	15-13791
Unit Number	Torq T6003
TC Spec.	TC 406Crude
Date of mfr.	2014-06-01
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VIN	2H9AA6HN4FT002039
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Original Test Date	2014-06-01

Leakage Test

Inspection Date 2023-10-05

Inspection Expiry Date 2026-04-05

Test Medium Air

No. of Compartments 1

Compartment 1	Start (psi)	End (psi)	Hold Time (min)	Capacity
	2.4	2.4	10	18000

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

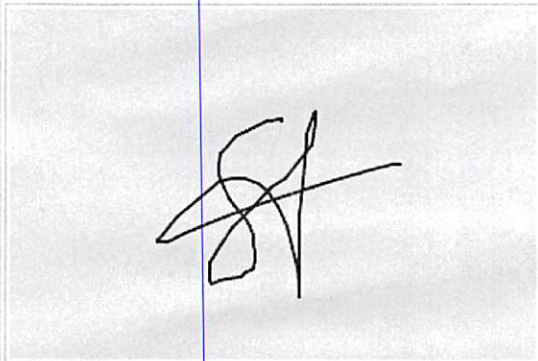
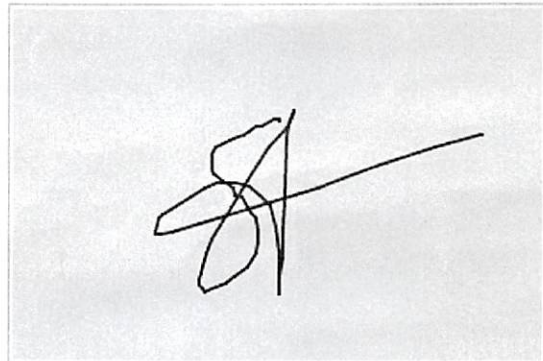
Defects No defects found.

PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
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Tank Disposition

Current Disposition Passed / No Defects Found

ApprovalInspector
Shane ArpsTester
Shane Arps

Service provided by eStandard Solutions.