



Internal Visual Inspections - 13-11281 - 2022-05-10

J20-73

Authoring Information

Created By	Shane Arps 17808753459
Facility	Fusion Tank Services 780-875-3459 6007 52nd ave Lloydminster, AB T9V 2S7
Created	2022-05-10 08:24:04
Updated	2022-05-10 08:24:04

Client

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

Tank Data

Ser. No.	13-11281
Unit Number	Larson 112
TC Spec.	TC 406Crude
Service Type	Corrosive Service
Date of mfr.	2012-06
Cert. date	2012-06
VIN	2H9AEBHG6DT002281
Tank mfr.	Hutchinson
MDIN	8932
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 mm
Min. shell thick	4.39 mm
Exposed Surface	84.5
Cap.	380000 litres
Original Test Date	2012-06

Internal Visual Inspection

Inspection Date	2022-05-10
Inspection Expiry Date	2027-05-10

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)

Repair

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

Repair

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**Welds-Structure**

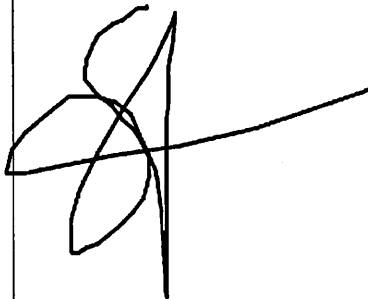
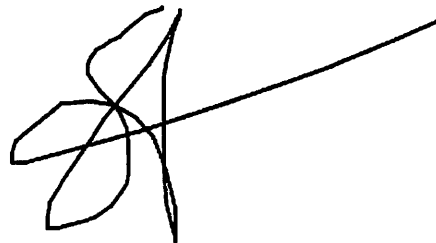
-#1 and #6 baffles cracked from floor (repair)

Piping

-load line loose (add u bolts)

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.



Pressure Tests - 13-11281 - 2022-05-10

Authoring Information

Created By Shane Arps
17808753459

Facility **Fusion Tank Services**
780-875-3459
6007 52nd ave
Lloydminster, AB
T9V 2S7

Created 2022-05-10 08:25:42

Updated 2022-05-10 08:25:42

Client

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

Contact Torq Trucking Ltd.
7808759693

Tank Data

Ser. No. 13-11281

Unit Number Larson 112

TC Spec. TC 406Crude

Service Type Corrosive Service

Date of mfr. 2012-06

Cert. date 2012-06

VIN 2H9AEBHG6DT002281

Tank mfr. Hutchinson

MDIN 8932

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 mm

Min. shell thick 4.39 mm

Exposed Surface 84.5

Cap. 380000 litres

Original Test Date 2012-06

Pressure Test

Inspection Date 2022-05-10

Inspection Expiry Date 2027-05-10

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.

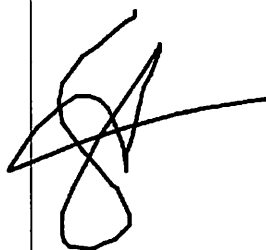
PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
# 1						
PRESSURE/VACUUM	Tiona	psi	494084 SCFH @ 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

Service provided by eStandard Solutions.



Upper Coupler Inspections - 13-11281 - 2022-05-10

Authoring Information

Created By	Shane Arps 17808753459
Facility	Fusion Tank Services 780-875-3459 6007 52nd ave Lloydminster, AB T9V 2S7
Created	2022-05-10 08:28:56
Updated	2022-05-10 08:28:56

Client

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

Tank Data

Ser. No.	13-11281
Unit Number	Larson 112
TC Spec.	TC 406Crude
Service Type	Corrosive Service
Date of mfr.	2012-06
Cert. date	2012-06
VIN	2H9AEBHG6DT002281
Tank mfr.	Hutchinson
MDIN	8932
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 mm
Min. shell thick	4.39 mm
Exposed Surface	84.5
Cap.	380000 litres
Original Test Date	2012-06

Upper Coupler Inspection

Inspection Date	2022-05-10
Inspection Expiry Date	2027-05-10

Inspection**Corroded or abraded areas**

Pass

Cracks or defects in welds

Repair

Dents or distortions

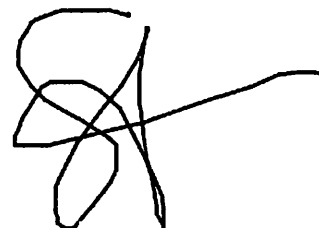
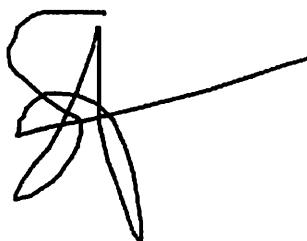
Pass

Defects**Welds-Structure**

-center cross member cracked on previous repair (repair)

PRV List

Type of PRV	Manufacturer	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition
# 1						

Tank Disposition**Current Disposition** Tank Repaired / Re-Tested / Returned to Service**Approval****Inspector**
Shane Arps**Tester**
Shane Arps

Service provided by eStandard Solutions.

Leakage Tests (13-11281)

Created By: *Shane Arps*

Tel: 17808753459
 TC Registration: 25-1118

Facility

Fusion Tank Services
 6007 52nd ave
 Lloydminster, AB, T9V 2S7
 780-875-3459

Client

Torq Trucking Ltd.
 Torq Trucking 2015 Ltd.
 1810-250 6Ave SW
 Calgary, AB, T2P3H7
 Ph. No. - 7808759693

Tank

Ser. No.	13-11281	Unit Number	Torq T2027
TC Spec.	TC 406Crude	Date of mfr.	2012-06-01
Cert. date	2012-06-01	VIN	2H9AEBHG6DT002281
Tank mfr.	Hutchinson	Assembler	Hutchinson
MDIN	8932	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 mm
Min. shell thick	4.39 mm	Exposed Surface	84.5 m2
Cap.	38000 litres	Design Temp. Range	-40 C to 100 C
Max. Lading Density	0.85 kg/L	Shell Material	5454-1132
Head Material	5454-H0	Weld Material	5356
Max. Payload	32300 kg	Max. Load Rate	1893 L/m at 20.7 kPa
Max. Unload Rate	1893 L/m at 20.7 kPa	Original Test Date	2012-06-01

Leakage Test

Inspection Date 2024-12-17 Inspection Expiry Date 2027-06-17
 Test Medium Air No. of Compartments 1

Compartment #	Start (psi)	End (psi)	Hold Time (min)	Capacity
1	2.4	2.4	60	38000
3			7	

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
 Repair

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

Inspect head shell

Defects

Valves
 -vent line valve leaks (remove/replace)

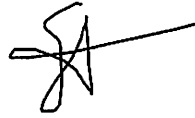
Tank Disposition

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



Inspector
Signed by Shane Arps



Tester
Signed by Shane Arps

Service provided by **eStandard Solutions**

External Visual Inspections (13-11281)

Created By: *Shane Arps*

Tel: 17808753459
TC Registration: 25-1118

Facility

Fusion Tank Services
6007 52nd ave
Lloydminster, AB, T9V 2S7
780-875-3459

Client

Torq Trucking Ltd.
Torq Trucking 2015 Ltd.
1810-250 6Ave SW
Calgary, AB, T2P3H7
Ph. No. - 7808759693

Tank

Ser. No.	13-11281	Unit Number	Torq T2027
TC Spec.	TC 406Crude	Date of mfr.	2012-06-01
Cert. date	2012-06-01	VIN	2H9AEBHG6DT002281
Tank mfr.	Hutchinson	Assembler	Hutchinson
MDIN	8932	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 mm
Min. shell thick	4.39 mm	Exposed Surface	84.5 m2
Cap.	38000 litres	Design Temp. Range	-40 C to 100 C
Max. Lading Density	0.85 kg/L	Shell Material	5454-I132
Head Material	5454-H0	Weld Material	5356
Max. Payload	32300 kg	Max. Load Rate	1893 L/m at 20.7 kPa
Max. Unload Rate	1893 L/m at 20.7 kPa	Original Test Date	2012-06-01

External Visual Inspection

Inspection Date	2024-12-17	Inspection Expiry Date	2027-06-17
Manway Pressure	3.63 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)
Repair

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

Welds-Structure

-#7 c/s outrigger cracked (repair)

Valves-PRV-Manways

-Tiona vent fails (remove/replace)
-Breda valve air switch leaking (remove/replace)

Hoses-Other

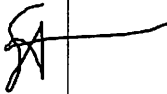
-mid mudflap antisail broken (remove/replace)

Tank Disposition

Current Disposition

Tank Repaired / Re-Tested / Returned to Service

Approval



Inspector
Signed by Shane Arps



Tester
Signed by Shane Arps

Service provided by eStandard Solutions