



M 12 -38
JW

Pressure Tests - 13339 - 2022-05-06

Authoring Information

Created By	Tom Hitcherick 877-962-8195
TC Registration	25-0536 (Expires: 2025-12-01)
Facility	Edmonton Trailer Repair Ltd. 877-962-8195 28520-114 Avenue Acheson, AB T7X 6E6
Created	2022-05-11 09:07:29
Updated	2022-05-11 09:07:29

Client

Company	Edmonton Trailer 28520-114 Avenue acheson, AB t7x 5a3
Contact	780-962-8195

Tank Data

Ser. No.	13339
Unit Number	13942
TC Spec.	TC 407
Date of mfr.	2021-10-05
Cert. date	2021-10-05
VIN	1NKDX4EX7PR952363
Tank mfr.	Advance Tank Production LTD
Assembler	EDMONTON TRAILER
MDIN	12210
MAWP	172 kPa
Design Pressure	276 kPa
Test P.	276 kPa
Mfd. head thick	4.76 mm
Min. head thick	3.71 mm
Mfd. shell thick	3.43 mm
Min. shell thick	3.28 mm
Exposed Surface	49.33 m ²
Cap.	22000 litres
Design Temp. Range	-29 C to 120 C
Max. Lading Density	1.6 kg/L
Shell Material	SA240-316
Head Material	SA240-316
Weld Material	ER316L
Max. Payload	22000 kg
Max. Load Rate	2800 L/m at 172 kPa
Max. Unload Rate	2000 gal/m at -33.7 psi
Original Test Date	2021-10-05

Pressure Test



Inspection Date 2022-05-06
Inspection Expiry Date 2027-05-06

Test Medium Water

No. of Compartments 1

Compartment 1	Start (psi)	End (psi)	Hold Time
	40	40	15MIN

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

PRV List

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

Tank Disposition

Current Disposition Passed / No Defects Found

Approval

Inspector
Tom Hitcherick



Thickness Tests - 13339 - 2022-05-06

Authoring Information

Created By Tom Hitcherick
877-962-8195

TC Registration 25-0536 (Expires: 2025-12-01)

Facility **Edmonton Trailer Repair Ltd.**
877-962-8195
28520-114 Avenue
Acheson, AB
T7X 6E6

Created 2022-05-11 09:08:29

Updated 2022-05-11 09:08:29

Client

Company **Edmonton Trailer**
28520-114 Avenue
acheson, AB
t7x 5a3

Contact 780-962-8195

Tank Data

Ser. No. 13339

Unit Number 13942

TC Spec. TC 407

Date of mfr. 2021-10-05

Cert. date 2021-10-05

VIN 1NKDX4EX7PR952363

Tank mfr. Advance Tank Production LTD

Assembler EDMONTON TRAILER

MDIN 12210

MAWP 172 kPa

Design Pressure 276 kPa

Test P. 276 kPa

Mfd. head thick 4.76 mm

Min. head thick 3.71 mm

Mfd. shell thick 3.43 mm

Min. shell thick 3.28 mm

Exposed Surface 49.33 m2

Cap. 22000 litres

Design Temp. Range -29 C to 120 C

Max. Lading Density 1.6 kg/L

Shell Material SA240-316

Head Material SA240-316

Weld Material ER316L

Max. Payload 22000 kg

Max. Load Rate 2800 L/m at 172 kPa

Max. Unload Rate 2000 gal/m at -33.7 psi

Original Test Date 2021-10-05

Thickness Test



Inspection Date 2022-05-06

Inspection Visibly corroded or abraded areas are thickness tested
 Pass

Area around lading retaining piping
 Pass

High stress areas of the shell, such as the bottom of the tank
 Pass

Areas around openings, weld joints, shell reinforcements, appurtenance attachment points
 Pass

Near the upper coupler, suspension attachments and connecting structures
 Pass

Known thin areas in the tank
 Pass

Structures adjoining self supporting transport units
 Pass

Lowest Measurement Head: 4.67 mm
 Shell: 3.39 mm

Defects No defects found.

PRV List

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

Tank Disposition

Current Disposition Passed / No Defects Found

Approval



Inspector
 Tom Hitcherick



« Certificate of Compliance »

2022-05-18

Authoring Information

Created By	Tom Hitcherick 877-962-8195
TC Registration	25-0536 (Expires: 2025-12-01)
Facility	Edmonton Trailer Repair Ltd. 877-962-8195 28520-114 Avenue Acheson, AB T7X 6E6
Created	2022-06-03 08:57:43
Updated	2022-06-03 08:57:43

Client

Company	Edmonton Trailer 28520-114 Avenue acheson, AB t7x 5a3
Contact	780-962-8195

Tank Data

Ser. No.	13339
Unit Number	13942
TC Spec.	TC 407
Orig. Date of mfr.	2021-10-04
Orig. Cert Date	2022-05-06
Orig. Vehicle Identification Number	1NKDX4EX7PR952363
Orig. Tank MFR	Advance Tank Production LTD
Assembler	EDMONTON TRAILER
Orig. MDIN	12210
MAWP	172 kPa
Design Pressure	276 kPa
Test P.	276 kPa
Mfd. head thick	4.76 mm
Min. head thick	3.71 mm
Mfd. shell thick	3.43 mm
Min. shell thick	3.28 mm
Exposed Surface	49.33 m2
Cap.	22000 litres
Design Temp. Range	-29 C to 120 C
Max. Lading Density	1.6 kg/L
Shell Material	SA240-316
Head Material	SA240-316
Weld Material	ER316L
Max. Payload	22000 kg
Max. Load Rate	2800 L/m at 172 kPa
Max. Unload Rate	2000 L/m at -33.7 kPa



EDMONTON TRAILER SALES & LEASING LTD.
28520 - 114 Avenue, Acheson, Alberta T7X 6E6

Original Test Date 2021-10-04

No. of vents required 1
w/specified rating of; 379269scfh SCFH

This tank, fittings, valves, piping and protective devices comply with the applicable specifications of this standard to the extent of the work performed by the Manufacturer or Assembler.



Tom Hitcherick
Inspector

Tom Hitcherick
Compliance Officer

This document must be retained throughout ownership of the tank and for one year thereafter.