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Internal Visual Inspections - 13572-2 - 2022-06-16

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	2022-06-16 08:52:15
Updated	2022-06-16 08:52:15
Client	
Company	Edmonton Trailer 28520-114 Avenue acheson, AB t7x 5a3
Contact	780-962-8195
Tank Data	
Ser. No.	13572-2
Unit Number	14715 1475
TC Spec.	TC 407
Date of mfr.	2022-05-03
Cert. date	2022-06-16
VIN	1nkdx4ex0pr952365
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 L/m at -33.7 kPa
Original Test Date	2022-05-03
Internal Visual Inspection	



Inspection Date	2022-06-16
Inspection Expiry Date	2027-06-16
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	Welds-Structure new tank

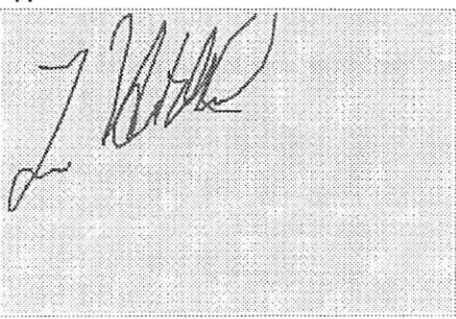
PRV List

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

Approval



Inspector
Tom Hitcherick



Pressure Tests - 13572-2 - 2022-06-16

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	2022-06-16 08:53:16
Updated	2022-06-16 08:53:16
Client	
Company	Edmonton Trailer 28520-114 Avenue acheson, AB t7x 5a3
Contact	780-962-8195
Tank Data	
Ser. No.	13572-2
Unit Number	44715 14175
TC Spec.	TC 407
Date of mfr.	2022-05-03
Cert. date	2022-06-16
VIN	1nkdx4ex0pr952365
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 L/m at -33.7 kPa
Original Test Date	2022-05-03
Pressure Test	




Inspection Date	2022-06-16		
Inspection Expiry Date	2027-06-16		
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	PRV Criteria	Discharge Pressure	Opening Pressure	Reseating Pressure	Disposition

Tank Disposition	Current Disposition
	Passed / No Defects Found

Approval



Inspector
Tom Hitcherick



Thickness Tests - 13572-2 - 2022-06-16

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	2022-06-16 08:54:09
Updated	2022-06-16 08:54:09

Client	
Company	Edmonton Trailer 28520-114 Avenue acheson, AB T7x 5a3
Contact	780-962-8195

Tank Data	
Ser. No.	13572-2
Unit Number	14715 <i>M175</i>
TC Spec.	TC 407
Date of mfr.	2022-05-03
Cert. date	2022-06-16
VIN	1nkdx4ex0pr952365
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 L/m at -33.7 kPa
Original Test Date	2022-05-03

Thickness Test	
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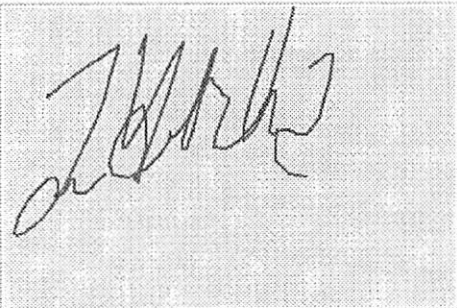


Inspection Date	2022-06-16
Inspection	Visibly corroded or abraded areas are thickness tested Pass
	Area around lading retaining piping Pass
	High stress areas of the shell, such as the bottom of the tank Pass
	Areas around openings, weld joints, shell reinforcements, appurtenance attachment points Pass
	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: 4.59 mm Shell: 3.38 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