

PRESSURE TEST

New Tank <input checked="" type="radio"/>		In-service Tank <input type="radio"/>		Service Type		LPG <input type="radio"/> NH3 <input type="radio"/> Other <input checked="" type="radio"/>		FUEL		10498 - 17 Street N.W. Edmonton, AB T6P 1V8 Phone: 780-467-8891 Fax: 780-467-0950 Transport Canada 25-1177 US DOT CT 3886 ASME 33537 National Board R-2667	
Job # 61617		Tank Spec TC406		Tank Serial #		2AEATLAO5PR000545					
MAWP 22.7 kPa		MFG Date 2023/06/07		Cert Date 2023/06/07		VIN 1NPCX4EX8RD886296					
Owner Equip. #		Insulated <input type="checkbox"/>		Lined <input type="checkbox"/>							
Owner Name		Dandy Oil Products Ltd.		Orig. Tank Mfr.		Advance Tank Production Ltd					
Owner Address		15630 - 118 Avenue, Edmonton		Ph #		780-452-1104					
Test Pressure: 34.5 kPa		Test Medium: Water		Hold Time(min): 15		Email		accounts payable@dandyoil.com			
For any ASME certified tanks such as MC330, MC307, TC/MC331, TC/MC338, TC/CGA341, TC350, TC/DOT407, TC/DOT412, TC51, DOT 51											
NB No.		ASME Code Symbol:		CRN		TCRN		QT <input type="checkbox"/> NQT <input type="checkbox"/>			
PWHT after Manufacture/Type <input type="checkbox"/>		PWHT after Repair/Type <input type="checkbox"/>		RT							
Shell Material 5454-H32		Min Shell Thickness 4.39 mm		Shell Length		mm		Tank Capacity			
Head Material 5454-O		Min Head Thickness 5.97 mm		Head Diameter		mm		23,500 L			
Defects: Location and Nature											

In Conjunction with the Pressure Test:

- a) A full External Visual and Internal Visual Inspection may be performed. Complete forms QA1 and QA3 ☒ N/A ☐ (Repair Only)
- b) After any repairs that require welding or grinding on a MC 330, TC/MC 331, TC/DOT 51 or TC/DOT 60, a Wet Fluorescent Magnetic Particle Test must be performed after a Pressure Test. Complete Form QA10 ☐ N/A ☒
- c) All reclosing pressure relief devices shall be replaced or bench tested. If bench tested complete Form QA5 ☐ Replaced/New ☒ Tested by others ☐ Not Applicable ☐
- d) All piping and accessories shall be pressure tested at not less than 80% of tank MAWP. ☒ N/A ☐
- e) Upper coupler and areas covered by the upper coupler shall be inspected and may need removal. Complete Form QA9 ☐ N/A ☒
- f) Heating System Test Pressure: _____ kPa Pass ☐ Fail ☐ N/A ☒
- g) Refrigeration or Heating Coils for Carbon Dioxide or Nitrous Oxide Test Pressure: _____ kPa Pass ☐ Fail ☐ N/A ☒
- Tank Disposition: Pass Return to Service ☒ Fail Remove from Service ☐

Matthew Wells

Name of Tank Tester/Registered Inspector

Signature of Tank Tester/Registered Inspector

Date of Tank Pressure Test **2023/06/07**

Tank Marking: Month, Year and test symbol (P) applied after all defects corrected, re-inspected and re-tested ☒

Tank Not Marked: Inspection and Test performed on defective area only, re-inspected and retested to verify repairs ☐

This Pressure Test was conducted in accordance with and meets the requirements of CSA B620 ☒

This Pressure Test was conducted in accordance with and meets the requirements of CFR 49 Part 180 ☐

Owner or Owners Representative

Owner or Owners Representative Signature

(Applicable to CFR49 Part 180)

EXTERNAL VISUAL INSPECTION



New Tank <input checked="" type="radio"/>	In-service Tank <input type="radio"/>	Service Type	LPG <input type="radio"/> NH3 <input type="radio"/> Other <input checked="" type="radio"/>	FUEL	10498 - 17 Street N.W.
Job Order #	61617	Tank Spec	TC406	Tank Serial #	2AEATLAO5PR000545
MAWP	22.7	kPa	Cert Date	2023/06/07	MFG Date
			2023/06/07	VIN	1NPCX4EX8RD886296
Owner Equip. #		Insulated <input type="checkbox"/>		Lined <input type="checkbox"/>	
Owner Name	Dandy Oil Products Ltd.		Orig. Tank Mfr.	Advance Tank Production Ltd., Regina	
Owner Address	15630 - 118 Avenue, Edmonton			Ph #	780-452-1104
Container inspected to original code of construction and intended lading provisions				Email	accountspayable@dandyoil.com
For any ASME certified tanks such as MC330, MC307, TC/MC331, TC/MC 338, TC/CGA341, TC350, TC/DOT 407, TC/DOT 412, TC51, DOT 51					
NB No.		ASME Code Symbol:	CRN	TCRN	QT <input type="checkbox"/> NQT <input type="checkbox"/>
PWHT after Manufacture/ Type	<input type="checkbox"/>	PWHT after Repair/ Type	<input type="checkbox"/>	RT	
Shell Material	5454-H32	Min Shell Thickness	4.39	mm	Shell Length
					mm
Head Material	5454-O	Min Head Thickness	5.97	mm	Head Diameter
					mm
					Tank Capacity
					23,500 L

Item Inspected	Pass	Fail	Corrected, Retested and Passed	N/A	Defects: Location, Nature of Repair
Ensure metal ID plate(s) and other safety marks are legible are marked and legible in accordance with their specification.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Without removing Insulation of Jacketing, inspect tank shell, heads and attachments for corroded and abraded areas, dents, distortions, defects in welds, defects in piping, and any other condition including leakage, that indicates weakness in the tank that might render it unsafe for transportation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure devices for tightening manhole covers are operative, all nuts and bolts on product retention components are leak tight and properly tightened.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure proper functioning of all valves, gaskets, vents, pressure relief devices, emergency devices, self-closing stop valves, excess flow valves, remote closure devices, are free of corrosion, distortion, leakage or any condition that would prevent their normal operation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure all major appurtenances and attachments, connecting structures, and those elements such as the upper coupler assembly, impact framework and lifting equipment that can be inspected without dismantling that assembly are not damaged or corroded to affect the safe operation of the vehicle.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Inspect void drains on multi-compartment tanks for signs of leakage; ensure void drains are operable and unplugged or uncapped.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
When tanks transport lading corrosive to the pressure relief device, the device(s) shall be replaced or bench tested.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Internal self-closing valve(s), off-truck emergency shutdown, cooling and heating systems are tested and report forms are available for review.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
On tanks with full opening rear heads, inspect gaskets for cuts, cracks, splits.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Hose assemblies accompanying tank do not display defects and are marked with serial or ID number, HAWP and month and year tested.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Tank Disposition: Pass - Return to Service ☒ Fail - Remove from Service ☐

Matthew Wells

Name of Tank Inspector/Registered Inspector

Date of Tank Inspection 2023/06/07

Signature of Tank Inspector/Registered Inspector

Tank Marking: Month, Year and Inspection Symbol (V) applied after all defects corrected and re-inspected ☒ Not Marked ☐

This Inspection was conducted in accordance with and meets the requirements of CSA B620 ☒

This Inspection was conducted in accordance with and meets the requirements of CFR 49 Part 180 ☐

Owner or Owners Representative

Signature

(Applicable to CFR49 Part 180)

INTERNAL VISUAL INSPECTION

New Tank <input checked="" type="radio"/>		In-service Tank <input type="radio"/>		Service Type		LPG <input type="radio"/> NH3 <input type="radio"/> Other <input checked="" type="radio"/> FUEL		10498 - 17 Street N.W.	
Job # 61617		Tank Spec TC406		Tank Serial #		2AEATLAO5PR000545		Edmonton, AB T6P 1V8	
MAWP 22.7 kPa		MFG Date 2023/06/07		Cert Date 2023/06/07		VIN 1NPCX4EX8RD886296		Phone: 780-467-8891	
Owner Equip. #		Insulated <input type="checkbox"/>		Lined <input type="checkbox"/>				Fax: 780-467-0950	
Owner Name		Dandy Oil Products Ltd.		Orig. Tank Mfr.		Advance Tank Production Ltd.,		Transport Canada 25-1177	
Owner Address		15630 - 118 Avenue, Edmonton		Ph #		780-452-1104		US DOT CT 3886	
Container inspected to original code of construction and intended lading provisions						Email		accountspayable@dandyoil.com	
								ASME 33537	
								National Board R-2667	

For any ASME certified tanks such as MC330, MC307, TC/MC331, TC/MC 338, TC/CGA341, TC350, TC/DOT 407, TC/DOT 412, TC51, DOT 51									
NB No.		ASME Code Symbol: CRN/TCRN				QT <input type="checkbox"/> NQT <input type="checkbox"/>			
PWHT after Manufacture <input type="checkbox"/>		PWHT after Repair/Alter <input type="checkbox"/>				RT			
Shell Material 5454-H32		Min Shell Thickness 4.39 mm		Shell Length mm		Tank Capacity			
Head Material 5454-O		Min Head Thickness 5.97 mm		Head Diameter mm		23,500 L			

Item Inspected	Pass	Fail	Corrected, Retested and Passed	NA	Defects: Location, Nature of Repair
Inspect for conditions that indicate weaknesses that might render the tank unsafe for transportation, such as, signs of leakage, structural defects, and for overlay patches.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Inspect for corroded or abraded areas, bad dents, digs, gouges, scrapes. Corroded or abraded areas shall be thickness tested and repaired as per the original code of construction.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Inspect piping, valves, pressurizing, heating and cooling systems and their gaskets and bolted attachments for corrosion, signs of leakage, and any condition that might render the tank safe operation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Inspect for dents. Depth of dents does not exceed 10% of their length. Dents including a weld are less than 1/2" (12.7mm) in depth.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Inspect for Weld Defects, including cracks, pinholes, incomplete fusion are not present. If welding is performed on product lading component those items shall be re-inspected and Tested and complete Repair Report QA38.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Tank Disposition: Pass - Return to Service ☒ Fail - Remove from Service ☐

Matthew Wells

Name of Tank Inspector/Registered Inspector

Signature of Tank Inspector/Registered Inspector

Date of Tank Inspection 2023/06/07

Tank Marking: Month, Year and Inspection Symbol (I) applied after all defects corrected and re-inspected ☒ Not Marked ☐

This Inspection was conducted in accordance with and meets the requirements of CSA B620 ☒

This Inspection was conducted in accordance with and meets the requirements of CFR 49 Part 180 ☐

Owner or Owners Representative Signature
(Applicable to CFR49 Part 180)

LEAK TEST



New Tank <input checked="" type="radio"/>	In-service Tank <input type="radio"/>	Service Type	LPG <input type="radio"/> NH3 <input type="radio"/> Other <input checked="" type="radio"/>	FUEL	10498 - 17 Street N.W. Edmonton, AB T6P 1V8	
Job # 61617	Tank Spec TC406	Tank Serial #	2AEATL05PR000545		Phone: 780-467-8891	
MAWP 22.7 kPa	Cert Date 2023/06/07	MFG Date 2023/06/07	VIN 1NPCX4EX8RD886296	Fax: 780-467-0950		
Owner Equip. #	Insulated <input type="checkbox"/>	Lined <input type="checkbox"/>	Transport Canada 25-1177			
Owner Name	Dandy Oil Products Ltd.	Orig. Tank Mfr.	Advance Tank Production Ltd.,			
Owner Address	15630 - 118 Avenue, Edmonton		Ph #	780-452-1104		
Test Pressure 18 kPa	Test Medium Water	Hold Time(min) 15	Email	accountspayable@dandyoil.com		
For any ASME certified tanks such as MC330, MC307, TC/MC331, TC/MC338, TC/CGA341, TC350, TC/DOT407, TC/DOT412, TC51, DOT51						
NB No.	ASME Code Symbol	CRN	TCRN	QT <input type="checkbox"/>	NQT <input type="checkbox"/>	
PWHT after Manufacture/ Type <input type="checkbox"/>	PWHT after Repair/ Type <input type="checkbox"/>		RT			
Shell Material 5454-H32	Min Shell Thickness 4.39 mm	Shell Length mm	Tank Capacity			
Head Material 5454-O	Min Head Thickness 5.97 mm	Head Diameter mm	23,500 L			

Item Inspected	Pass	Fail	Corrected, Re-tested and Passed	NA	Defects: Location Nature, Nature of Repair
Ensure tank closures, piping, valves and gaskets are in good condition and do not leak within the piping or to the exterior.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure venting devices set to relieve less than the test pressure shall be removed or rendered inoperative and ensure there is a means to prevent over pressurization of the tank.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure piping and all associated valves and accessories are in place, operative and tested in sequence.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Ensure emergency shutdown system is operative and closes within 30 seconds.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
For tanks with excess-flow valves: Close discharge valve, open tank valve with normal valve operator, open discharge valve, drain or blow down piping and inspect for continuous leakage for proper pressure equalization in the piping system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Check for leakage into secondary compartment of TC 406 double wall tank.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

In Conjunction with the Leak Test: A full External Visual Inspection may be performed. Complete forms QA1 ☒ N/A ☐ (Repair Only)

Tank Disposition: Pass Return to Service ☒ Fail Remove from Service ☐

Matthew Wells

Name of Tank Tester/Registered Inspector

Date of Leak Test 2023/06/07

Signature of Tank Tester/Registered Inspector

Tank Marking: Month, Year and Test Symbol (K) applied after all defects corrected re-inspected and re-tested ☒

Tank Not Marked: Inspection and Test performed on defective area only, re-inspected and re-tested to verify repairs ☐

This Leak Test was conducted in accordance with and meets the requirements of CSA B620 ☒

This Leak Test was conducted in accordance with and meets the requirements of 49 CFR Part 180 ☐

Owner or Owners Representative

Owner or Owners Representative Signature

(Applicable to 49 CFR Part 180)