

CARGO TANK TEST AND INSPECTION

OWNER

LAKELAND
COOP

PLACE OF BUSINESS

924 Hamond
Rice Lake, WI
54868

VEHICLE NO.

121

REGISTERED INSPECTOR

Name: Jerry L ZimmerInspector CT # 10464Date of Inspection: 9-6-2012Telephone # 715-234-8191**CARGO TANK INFORMATION**

MFR. Kleespie Date Built 1998 MAWP 250 O.D. 80
MFR. Serial # 148529 Water Capacity 3000 gal. DOT 330 331 Shell Thickness 490
Nat'l Brd. # 529 QT or NQT NQT Material Spec. SA612 Head Thickness 242

EXTERNAL VISUAL INSPECTION (CFR49 Part 180.407d)

1. Shell and Heads
☒ Corrosion/Abrasion ☒ Dents/Distortion ☒ Weld Defects ☐ Unsafe Condition
2. Piping, Valves and Gaskets
☒ Corrosion/Abrasion ☒ Weld Defects ☒ Leakage ☐ Unsafe Condition
3. Manhole Covers, Gaskets and Fasteners
☒ Corrosion/Abrasion ☒ Operation/Secure ☒ Leakage ☐ Unsafe Condition ☐ Not Required
4. Tank Attachments: Skirting/Fenders, Shield, Tanks Rails/Fasteners to Truck Frame
☒ Corrosion/Abrasion ☒ Secures/Properly Fastened ☒ Cracks ☐ Unsafe Condition
5. Cargo Tank Related Equipment: Deck, Hose Reel/Motor, Levers, Cables, etc.
☒ Corrosion ☒ Damaged/Distorted ☒ Secures/Properly Fastened ☐ Unsafe Condition
6. Pressure Relief Valves
☒ Corrosion ☒ Damaged/Distortion ☒ Protection ☐ Unsafe Condition
7. Emergency Shut Off and Remote Shutdown Device
☒ Corrosion ☒ Damaged/Distortion ☐ New @ 300' ☒ Retest @ 300' ☐ Unsafe Condition
8. Vessel Markings and Decals are Legible and Present
☒ Placards (1075) ☐ Product Label (Propane) ☒ Data Plate ☒ VKPI ☒ QT/NQT
9. Delivery Hose and Related Components (CFR49 Part 180.416b)
☐ Abrasions/Excessive Wear ☐ Exposed Fabric/Cracks ☐ Marked MAWP 350#
Hose No. 2283 Hose Installation Date 9-02 ☐ Unsafe Condition

LEAKAGE TEST (CFR49 PART 180.407h)

Perform a pneumatic pressure test on all piping, gaskets, valves, hose connections and equipment under pressures.

Test Pressure 80 psi (minimum 60 psi) monitored for 5 minutes.**PRESSURE TEST (CFR49 PART 180.407g)**☐ Not RequiredHydrostatic test pressure 300 psi (required 375 psi) held for a minimum of 10 minutesUnder pressure checked for: ☒ Leakage ☒ Bulges ☐ Unsafe Condition**RELIEF VALVE INSPECTIONS AND TESING (removed from tank for testing)**

Relief Valve No.	Type Intern	Type Extern	Set Press	Open Limits	Close Limits	psi Open	psi Closed	Pass/Fail	Disposition Replace	Reinstall
1	☒		250 psi	Up to 110%	Down to 90%				<u>A84366</u>	
			250 psi	over set with	set pressure				<u>8-C-10</u>	
			250 psi	max 275 psi	min. 225 psi					

INTERNAL INSPECTION (CFR49 PART 180.409e)☐ Not Required

Shell and Heads

☒ Corrosion/Abrasion ☒ Dents/Distortion ☒ Weld Defects ☐ Unsafe Condition**THICKNESS TEST (CFR49 PART 180.407i)**☐ Required

Required if corroded or abraded area has visible reduction in the material thickness of the cargo tank wall. Does not include cosmetic or minor surface degradation.

QUALIFICATION STATEMENT

This cargo tank can be put in service. It meets the requirements of the D.O.T. specifications identified in this report.

Registered Inspector Signature

Date

9-6-2012