

# Wilmington Tank & Trailer

3201 Hwy 421 N. Wilmington, NC 28401 PH: 910-763-2286

## EXTERNAL VISUAL INSPECTION REPORT

49CFR Part 180 Para. 180.407(d)

Cargo Tank Inspection CT- 7360 Customer Robbie Wood Wilmington NC  
 Unit 7738 Inspection Date 8-9-18 Manufacture Bulk  
 Serial # 3E1EB7230JSVZ2743 Year 2017 DOT Spec. Code MC-407SS

Compartment 1.	7000	MAWP <u>30 PSI</u>	TYPE ✓ = OK X = No Action Needed  Device # Replaced Reinstalled Repaired Pressure - set to discharge Pressure - when open Pressure - when resealed	Pressure Relief Device					
Compartment 2.		Material <u>Stainless</u>							
Compartment 3.		Insulated <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO							
Compartment 4.		Lined <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
Compartment 5.		Cargo Tank Jacketed <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
Compartment 6.		Tank Hauls Corrosive Product <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO							
Total Gallons	7000	Last Product in Tank- <u>Cleaned</u>							
		Special Service- <u>None</u>							
Minimum Thickness		Upper Coupler Assembly							
Heads <u>.135</u> Skids <u>.098</u>		<input checked="" type="checkbox"/> Examined in Place							
Shell Top <u>.098</u> Bottom <u>.098</u>		<input type="checkbox"/> Removed for Examination							

### INSPECTION STEPS

	Pass	Fail	Needed
Shell and Heads: Condition of welds, dents, gouges, corrosion or abrasion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper Coupler Assembly: Plate condition, deformation, corrosion, bolt / pin condition - lubrication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All appurtenances and structural attachments on the cargo tank including: suspension, frame, crossmembers, outriggers; bolsters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boiled Attachments: piping, brackets, & supports, valve installation, valve operators, dust cap retainers, tank to frame / undercarriage attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping - Valves - Adapters: check for leakage, handles, levers, cables, air lines, shear sections, dust caps, all gaskets, o-rings - lubricate as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Valve Operation: means of closure (Normal, Remote, Thermal) function check, cable adjustment cable and pulley condition, interconnection with load / unloading vents, fusibles, brake interlocks - lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manhole Assembly Area (@ compartment): check for leakage, corrosion, warpage, impact damage to dome / filler covers, welds, gaskets surfaces, overturn protection, structure, clamp ring, latches, hinges, drains, drains, bolted connections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Relief Devices: all vents present, verify venting capacity for tank size, vents marked, visual check fusible plugs ( If in corrosive service: remove, inspect and test reclosing pressure relief vents)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Placards, location and condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specification plate markings legible and per 49CFR Part 178.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cargo tank inspection and test markings are current with 49CFR Part 180.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 YR Outboard Drum Wheel End Service Inspection - Remove hub, inspect bearings, RAR seals and lubricant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thickness Test Performed on Corroded / Abraded Areas <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Sketch included <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
Gauges repaired by welding <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Leak Test performed on affected compartment(s) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
Defects Found, Location and Corrective Action			

Cargo Tank Meets DOT Requirements  Cargo Tank Does Not Meet DOT Requirements  Month-Year "V" Marked On Cargo Tank

Registered Inspector Marrow Smith

*Marrow Smith*  
(Signature)

Address: 3201 Hwy 421 City: Wilmington State: NC

Inspection Date 8-9-2018

ASME/National Board Certificate of Authorization Number: R-3853



### Cargo Tank Owner Acceptance

1/18/2008

\_\_\_\_\_  
Authorized Company Representative

\_\_\_\_\_  
Date

# Wilmington Tank & Trailer

3201 HWY. 421 N. Wilmington, NC. 28401 PH: 910-763-2286

## INTERNAL VISUAL INSPECTION REPORT

49CFR Part 180 Para. 180.407[e]

Cargo Tank Inspection CT- 7360 Customer Robbie Wood Wilmington NC

Unit 7738 Inspection Date 8-9-18 Manufacture Bulk

Serial # 3E1FB7230JSV22743 Year 2017 DOT Spec. Code MC-407SS

Compartment 1.	<u>7000</u>	MAWP <u>30 PSI</u>	Minimum Thickness	
Compartment 2.		Material <u>Stainless</u>	Heads <u>.135</u>	Sides <u>.098</u>
Compartment 3.		Lined <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Shell Top <u>.098</u>	Bottom <u>.098</u>
Compartment 4.		Cargo Tank Jacketed <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Tank Insulated <input type="checkbox"/> NO	
Compartment 5.		Tank Hauls Corrosive Product <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES - 1 Year Inspection Required	
Compartment 6.		<input checked="" type="checkbox"/> YES - 2 Year Inspection Required	Special Service-	
Total Gallons	<u>7000</u>	Last Product in Tank- <u>Cleaned</u>		

### INSPECTION STEPS

	PASS	FAIL
Inspect entire interior surface for corrosion, abrasion, dents, pitting or distortion (special emphasis on tank head and shell areas covered by the upper coupler)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inspect gauging devices for vertical alignment and tightness	<u>NA</u> <input type="checkbox"/>	<input type="checkbox"/>
Inspect all internal welds for defects	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inspect areas around piping, sumps, and valves for foreign material that could prevent proper functioning	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inspect compartment static wire condition - bonded to the tank (306-406 only)	<u>NA</u> <input type="checkbox"/>	<input type="checkbox"/>

Was thickness testing performed on corroded or abraded areas?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Sketch Included?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Any gouges repaired by welding?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Sketch Included?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Was leak test performed on affected compartment?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Was a lining installed to protect the tank?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Lining Inspected - report?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Defects Found, Location and Corrective Action

Cargo Tank Meets DOT Requirements  Cargo Tank Does Not Meet DOT Requirement  Month-Year  Marked on Cargo Tank

Registered Inspector Marrow Smith (Print) Marrow Smith (Signature)

Address: 3201 Hwy 421N City Wilmington State: N.C. Inspection Date: 8-9-2018

ASME/National Board Certificate of Authorization Number: R-3853

### Cargo Tank Owner Acceptance

I

1/14/2008

Date

Authorized Company Representative

