



KIRBY INLAND MARINE, LP
 MAINTENANCE DEPARTMENT
 18350 MARKET ST.
 CHANNELVIEW, TX 77530

OFFICE (713) 435-1730

FAX (713) 435-1714

VAPOR TIGHTNESS TEST

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: Kirby 10219 Test Date: 6-19-24
 Testing Location: Chanokan Inland Fleet Maximum Load Rate: (BPH) 3500
 Tanks Tested: All Pressure Indicator: Cert gauge

TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H2O
 Ending Pressure: 28 Inches H2O
 Total Pressure Loss: 0 Inches H2O
 Allowable Pressure Loss: 4.59 Inches H2O

Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"
 This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Xon Butcher
 Tester: (Print)

Xon Butcher
 Tester: (Signature)

Michael Wagner
 Witness: (Print)

[Signature]
 Witness: (Signature)

Northern Marine
 Affiliation of Witness:

- (P1) - Beginning Pressure
- (Delta P) - Total Pressure Loss
- (TP) - 14.7 plus Barge Test Pressure in PSI
- (V) - Volume of Tank (s)
- .861 - PIA @ (P1)
- (P2) - Ending Pressure
- (Delta PM) - Allowable Pressure Loss
- (L) - Maximum Load Rate in BPH
- (Delta T) = Test Duration

$$.861 \times \frac{15.7}{(TP)} \times \left(\frac{3500}{(L)} \div \frac{10300}{(V)} \right) = \frac{4.59}{(\text{Delta PM})}$$



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BARGE PIPING TEST LETTER

INSTRUCTIONS: FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME/NUMBER: Kirby 10219

Last Hydro Test Date (1.5 times) 10-12-20
(USCG Required at COI Inspection and USCG Periodic)

Note: Test Results are Valid for (1) One Year from Date of Test!

Letter of Expiration Date (One year from Test): 6-19-25

1. Cargo Piping and Valves (Date of Test): 6-19-24

Annual Hydro Test Pressure: 125 psi

2. Cargo Relief Valve Lift Test (Date of Test): 6-19-24

3. Cargo Pressure Gauge (Date of Test): 6-19-24

Annual Percent of Accuracy (%): 95%

4. Steam Piping Test Pressure: 8-25-22 90 psi air

5. Steam Relief Valve (Date of Test): 8-25-22 125 bench air

Signature: [Handwritten Signature]

DISTRIBUTION: Place original as last page of "USCG Papers folder" located in barge document mailbox.

WHITE COPY - VESSEL YELLOW COPY - BARGE DOCUMENT CONTROL COORDINATOR PINK COPY - BOOK COPY

KIRBY FORM MR-05-03
ISSUED 07/10/18



KIRBY INLAND MARINE – MAINTENANCE
 18350 MARKET STREET
 CHANNELVIEW, TX 77530
 713-435-1730 (Direct)
 713-435-1714 (Fax)

USCG INSPECTION CHECKLIST

BARGE NUMBER: Kirby 10219 DATE: 6-19-24 BARGE TYPE: DL

1.	USCG Inspection for Certification (COI)	
2.	USCG Mid Period Inspection (Annual/Periodic)	
3.	USCG Cargo Tank Internal (CTI)	
4.	USCG Cargo Tank External (CTE) (Pressure Barges Only)	
5.	USCG Internal Structural Inspection (ISE)	
6.	USCG Drydock (DD)	
7.	USCG Safety Valve Test (RV) (Pressure Barges Only)	
8.	USCG Nitrogen Cylinder Pressure Vessel Exam	
9.	USCG "835" or "Permit to Proceed" Issued ***	
10.	USCG "835" or "Permit to Proceed" Cleared ***	
11.	Vapor Tightness Test	6-19-24
12.	Pipeline Test	6-19-24
13.	Strappings (Revised Copies Only)	
14.	Piping Diagrams (Revised Copies Only)	
15.	Barge Register (Copy Required)	
16.	PRIS (Cargo Update)	
17.	Vapor Endorsement for Cargoes	
18.	Inspection Zone / Shipyard	A. USCG (Zone) A. Chicago EL
		B. Location (Shipyard) B. IMO Shipyard
19.	ABS Classed? <input type="checkbox"/> Yes or <input type="checkbox"/> No (If "Yes", indicate ABS Inspection Date)	

*** NOTES:

Barge Representative: [Signature] Date: 6-19-24
 Reviewed by Planner: _____ Date: _____

REVIEWED
 By *tfirm* at 9:13 am, Jun 21, 2024