



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

USCG INSPECTION CHECKLIST

BARGE NUMBER: MICO 3087 DATE: 6-27-24 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		6-27-24
12.	Pipeline Test		
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. HOU
		B. Location (Shipyard)	B. Channelview Fleet
19.	ABS Classed? <input type="checkbox"/> Yes or <input type="checkbox"/> No (If "Yes", indicate ABS Inspection Date)		

*** NOTES:

Barge Representative: JACK WILLIAMS Date: 6-27-24
 Reviewed by Planner: [Signature] Date: 7-2-24



KIRBY INLAND MARINE, LP
 MAINTENANCE DEPARTMENT
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VAPOR TIGHTNESS TEST

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

Vessel Name: HICO 3089 Test Date: 6-27-24
 Testing Location: Channelview Fleet Maximum Load Rate: (BPH) 5,000
 Tanks Tested: All Pressure Indicator: Cerv. Gauge

TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 14 Inches H2O
 Ending Pressure: 14 Inches H2O
 Total Pressure Loss: 0 Inches H2O
 Allowable Pressure Loss: 2.21 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.

Jakil Williams
 Tester: (Print)

[Signature]
 Witness: (Print)

[Signature]
 Tester: (Signature)

[Signature]
 Witness: (Signature)

[Signature]
 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

$$.861 \times \frac{15.2}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{39,500}{(V)} \right) = \frac{2.21}{(\text{Delta PM})}$$