



**United States of America
Department of Homeland Security
United States Coast Guard**

Certification Date: 28 Mar 2023

Expiration Date: 28 Mar 2024

Temporary Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
KIRBY 16828	1244626			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HACKBERRY, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
Houston, TX	25Feb2013	27Jul2012	R-1419	R-1419		R-250.0
UNITED STATES			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 Market Street Channelview, TX 77530 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:
---Lakes, Bays, and Sounds plus Limited Coastwise---

This vessel has been granted a fresh water service examination interval per 46 CFR 31.10-21(a)(2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a)(1) and the cognizant CCMI notified in writing as soon as this change in status occurs.

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined

*****SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION*****

With this Inspection for Certification having been completed at CHANNELVIEW, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection				This certificate issued by <i>B. T. Inagaki, USCG</i> B. T. INAGAKI, GS-13, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



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Vessel Name: KIRBY 16828

Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted per its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Mar2033	28Mar2023	25Feb2013
Internal Structure	31Mar2028	28Mar2023	08Dec2017

--- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: SPECIFIED LIQUEFIED FLAMMABLE GAS

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16941	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
P/S BDI	874	5.222
P/S BTN	785	4.997
P/S BUT	770	4.872
P/S IBT	726	4.689
P/S PPL	652	4.347
P/S PRP	622	4.239
P/S DMA	904	5.588

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1748	8ft 2in	5.222	Rivers, Lakes, Bays and Sounds
II	1570	7ft 10in	4.997	Rivers, Lakes, Bays and Sounds
II	1541	7ft 10in	4.872	Rivers, Lakes, Bays and Sounds
II	1452	7ft 7in	4.689	Rivers, Lakes, Bays and Sounds
II	1304	7ft 2in	4.347	Rivers, Lakes, Bays and Sounds
II	1244	7ft 4in	4.239	Rivers, Lakes, Bays and Sounds
II	1807	8ft 6in	5.588	Rivers, Lakes, Bays and Sounds

Conditions Of Carriage

Inspected and approved for the carriage of liquefied flammable gases (LFGs) at a pressure not to exceed 260 psi and at temperatures not less than ambient. Those LFG's that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints above.

Mixtures of the Subchapter D liquefied flammable gas cargoes listed above are also authorized for carriage subject to the loading and stability constraints of the least dense cargo in the mixture.

Mixtures of Subchapter O and D liquefied gas cargoes not specified above must be approved by the Marine Safety Center prior to being authorized for carriage.



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In accordance with 46 CFR 150.130, Person In Charge of the vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150.

The max. tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter O cargoes at shallower drafts, the barge(s) should always be loaded uniformly.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/S BDI	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S BTN	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S BUT	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S IBT	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S PPL	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S PRP	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028
P/S DMA	25Feb2013	28Mar2023	31Mar2033	01Dec2020	28Mar2023	31Mar2028

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
P/S BDI	16Feb2023	-	-	-
P/S BTN	16Feb2023	-	-	-
P/S BUT	16Feb2023	-	-	-
P/S IBT	16Feb2023	-	-	-
P/S PPL	16Feb2023	-	-	-
P/S PRP	16Feb2023	-	-	-
P/S DMA	16Feb2023	-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
1	40-B

END

Safety valve inspection report.

Certificate nr 2912
Date 02-16-2023

Job no. LV-12814-WO
Client KIRBY INLAND MARINE
Barge # KIRBY 16828

Set pressure (cold) 260 psi
Manufacturer CROSBY
Type / Model JOS-E-35-A
Serial No. 12-22228

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 261 psi
Reseat pressure (indication) 256 psi
Result Passed
Test method AIR

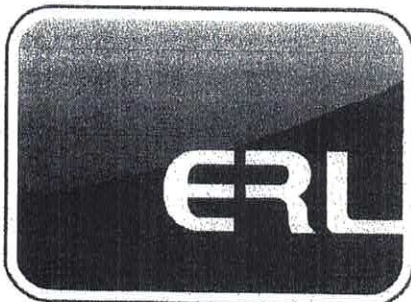
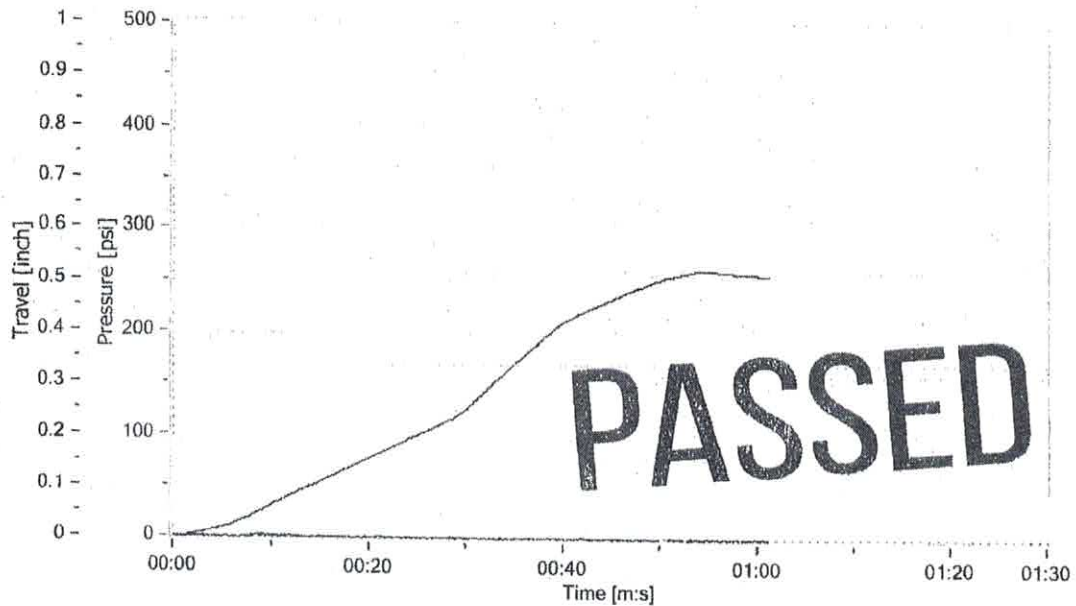
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

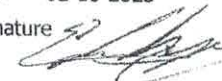
Backpressure test

Pressure 31 psi
Result Passed



Tested by

Name EDUARDO PEREZ
Date 02-16-2023

Signature  *DP*

Inspected by

Name *MATT FOSTER, CWS*
Date 02-16-2023

Signature *M. Foster, CWS*

Safety valve inspection report

Certificate nr 2913
Date 02-16-2023

Job no. LV-12814-WO
Client KIRBY INLAND MARINE
Barge # KIRBY 16828

Set pressure (cold) 260 psi
Manufacturer CROSBY
Type / Model JOS-E-35-A
Serial No. 12-22230

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 258 psi
Reseat pressure (indication) 248 psi
Result Passed
Test method AIR

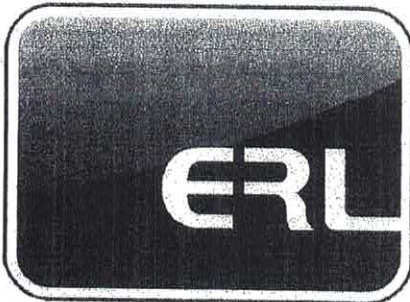
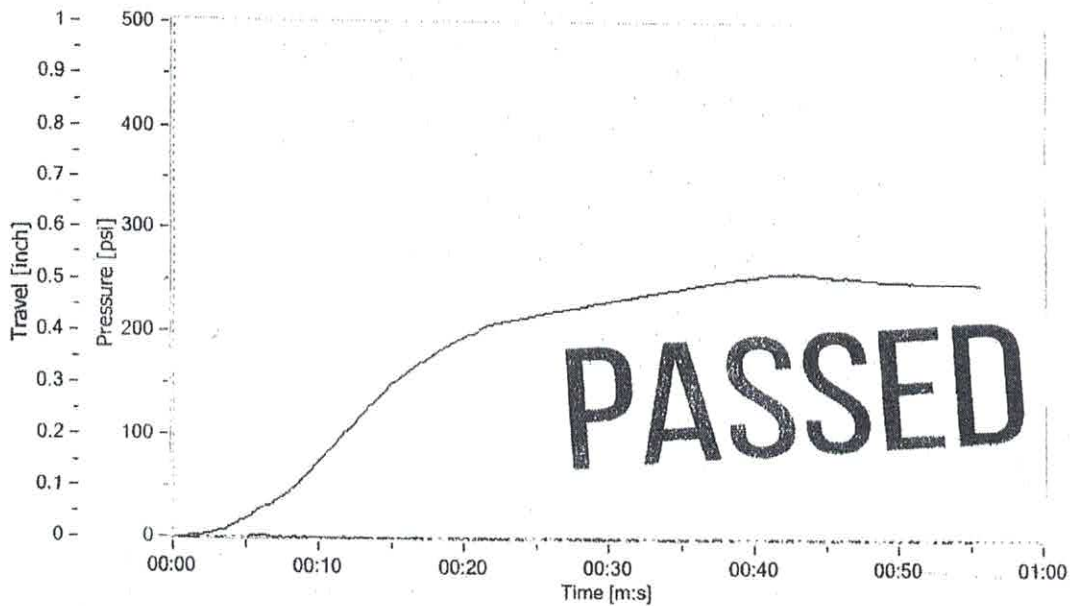
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name EDUARDO PEREZ
Date 02-16-2023

Signature 

Inspected by

Name *MATT ROSSER (CWD)*
Date 02-16-2023

Signature *M. Rosser*

Safety valve inspection report

Certificate nr 2914
Date 02-16-2023

Job no. LV-12814-WO
Client KIRBY INLAND MARINE
Barge # KIRBY 16828

Set pressure (cold) 260 psi
Manufacturer CROSBY
Type / Model JOS-E-35-A
Serial No. 12-22231

Valve data

Size 6QX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 260 psi
Reseat pressure (indication) 256 psi
Result Passed
Test method AIR

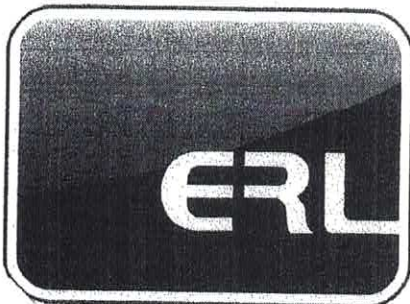
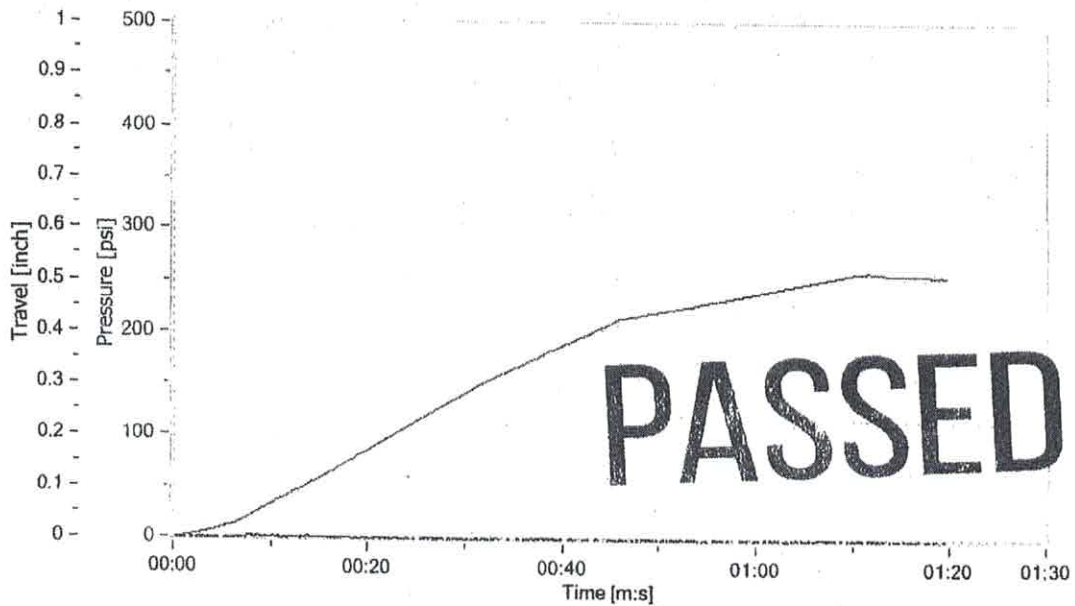
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 236 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



Tested by

Name EDUARDO PEREZ

Date 02-16-2023

Signature *[Signature]*

Inspected by

Name *MATT BOSELY, CWO*

Date 02-16-2023

Signature *[Signature]*

Safety valve inspection report

Certificate nr 2915
Date 02-16-2023

Job no. LV-12814-WO
Client KIRBY INLAND MARINE
Barge # KIRBY 16828

Set pressure (cold) 260 psi
Manufacturer CROSBY
Type / Model JOS-E-35-A
Serial No. 12-22234

Valve data

Size 6XQX8
Rating 300X150
Nozzle / Orifice Q

Set pressure test

Found set pressure 263 psi
Reseat pressure (indication) 260 psi
Result Passed
Test method AIR

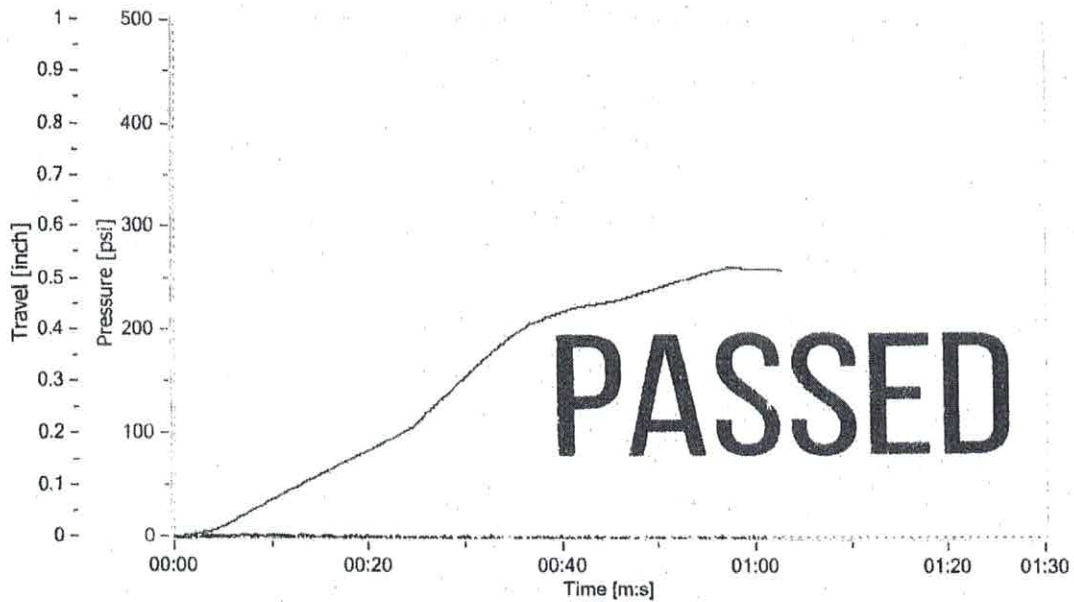
Test data

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 237 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



Tested by

Name EDUARDO PEREZ
Date 02-16-2023
Signature *[Signature]* **AL**

Inspected by

Name *MATT ROSSER, CWI*
Date 02-16-2023
Signature *M. Rosser, CWI*