



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

Certification Date: 07 Sep 2022

Expiration Date: 07 Sep 2023

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
ARROWHEAD 266	977170			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
MEMPHIS, TN	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HARVEY LA	07Aug1992	15Sep1991	R-1110	R-1110	1573	R-260.1
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 0 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---

In fair weather only, not more than five (5) miles from a harbor of safe refuge between Chicago, IL and burns Harbor, IN.

Also, in fair weather only, not more than twenty (20) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR Table 31.10-21(b); if this vessel is operated in salt water more than six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals and the cognizant OCMI notified in writing as soon as

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

With this Inspection for Certification having been completed at Port Arthur, 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: K. A. Hantal, CDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: ARROWHEAD 266

this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan. Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31May2032	07Sep2022	22May2012
Internal Structure	30Jun2027	07Sep2022	19Jun2017

---Stability---

Type	Issued Date	Office
Letter	None Valid	

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

Authorization: LIQUEFIED FLAMMABLE GASES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16658	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)
1 P/S BUT	803	4.88
1 P/S IBT	759	4.69
1 P/S PRP	657	4.25
1 P/S BTN	817	5.00
1 P/S BDI	862	5.16
1 P/S BBM	862	5.16

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1724	9ft 3in	5.16	R, LBS

Conditions Of Carriage

Inspected and approved for the carriage of liquified flammable gases (LFGs) at a pressure not to exceed 230 psig and at temperatures not less than ambient (0 deg F - 115 deg F). Those LFGs that have been authorized for carriage are identified by their CHRIS Code in the Loading Constraints below.

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

Mixtures of the Subchapter D liquified flammable gas cargoes listed below 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 liquified gas cargoes not specified below must be approved by the Marine Safety Center prior to being authorized for carriage.



Temporary Certificate of Inspection

Vessel Name: ARROWHEAD 266

In accordance with 46 CFR 150.130, the 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 below 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
1 P/S BUT	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027
1 P/S IBT	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027
1 P/S PRP	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027
1 P/S BTN	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027
1 P/S BDI	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027
1 P/S BBM	11Jun2012	07Sep2022	30Jun2032	19Jun2017	07Sep2022	30Jun2027

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S BUT	07Sep2022	-	-	-
1 P/S IBT	07Sep2022	-	-	-
1 P/S PRP	07Sep2022	-	-	-
1 P/S BTN	07Sep2022	-	-	-
1 P/S BDI	07Sep2022	-	-	-
1 P/S BBM	07Sep2022	-	-	-

---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 2308
Date 08-18-2022

Job no. LV-11548-WO
Client Kirby Inland Marine
Barge # Arrowhead 266

Set pressure (cold) 480 psi
Manufacturer Reyco
Type / Model RL14BDDS120AKC0480
Serial No. 222951-04

Valve data

Size 3/4x1
Rating
Nozzle / Orifice

Set pressure test

Found set pressure 490 psi
Reseat pressure (indication) 363 psi
Result Passed
Test method Air

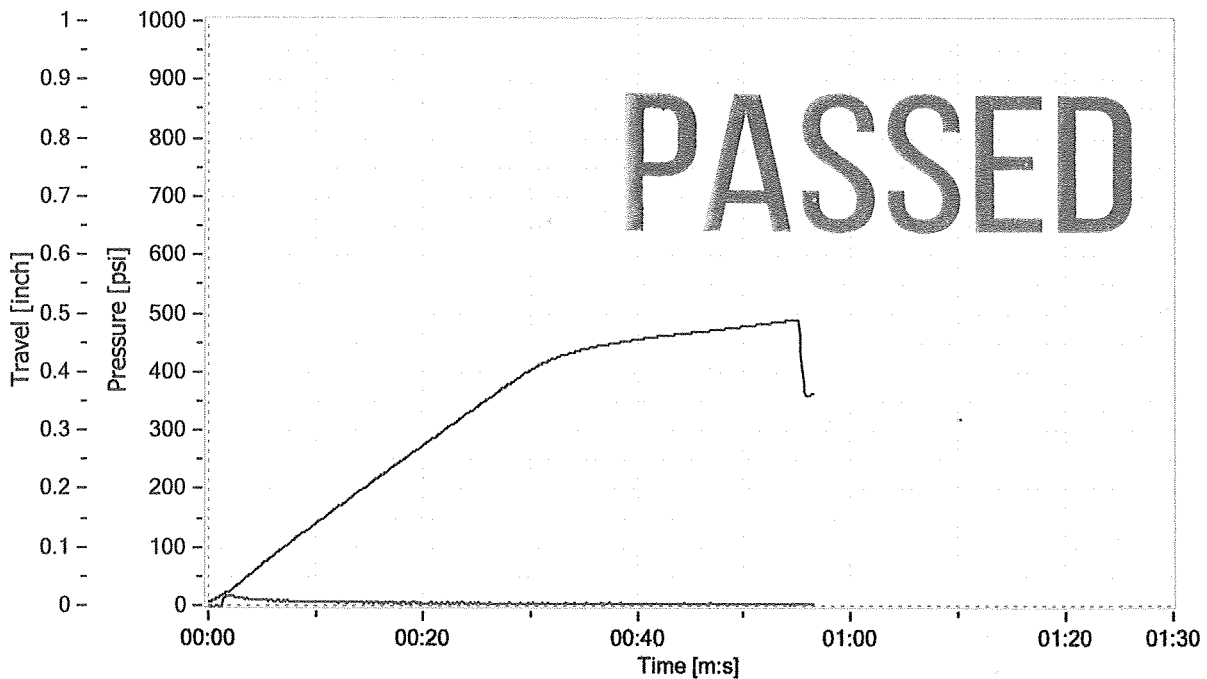
Test data

Seat tightness test

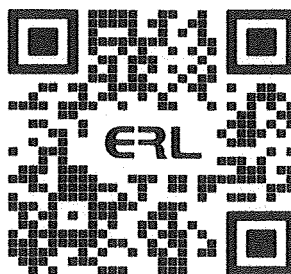
Leakage 0 bubbles/min.
Test pressure 435 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name David Theiler

Date 08-18-2022

Signature

Inspected by

Name Hope Borders

Date 08-18-2022

Signature

Safety valve inspection report

Certificate nr 2309
Date 08-18-2022

Job no. LV-11548-WO
Client Kirby Inland Marine
Barge # Arrowhead 266

Valve data

Set pressure (cold) 480 psi
Manufacturer Reyco
Type / Model RL14BDDS120AKC0480
Serial No. 222951-05

Size 3/4x1
Rating
Nozzle / Orifice

Test data

Set pressure test

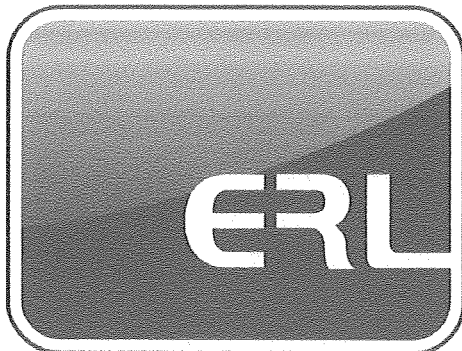
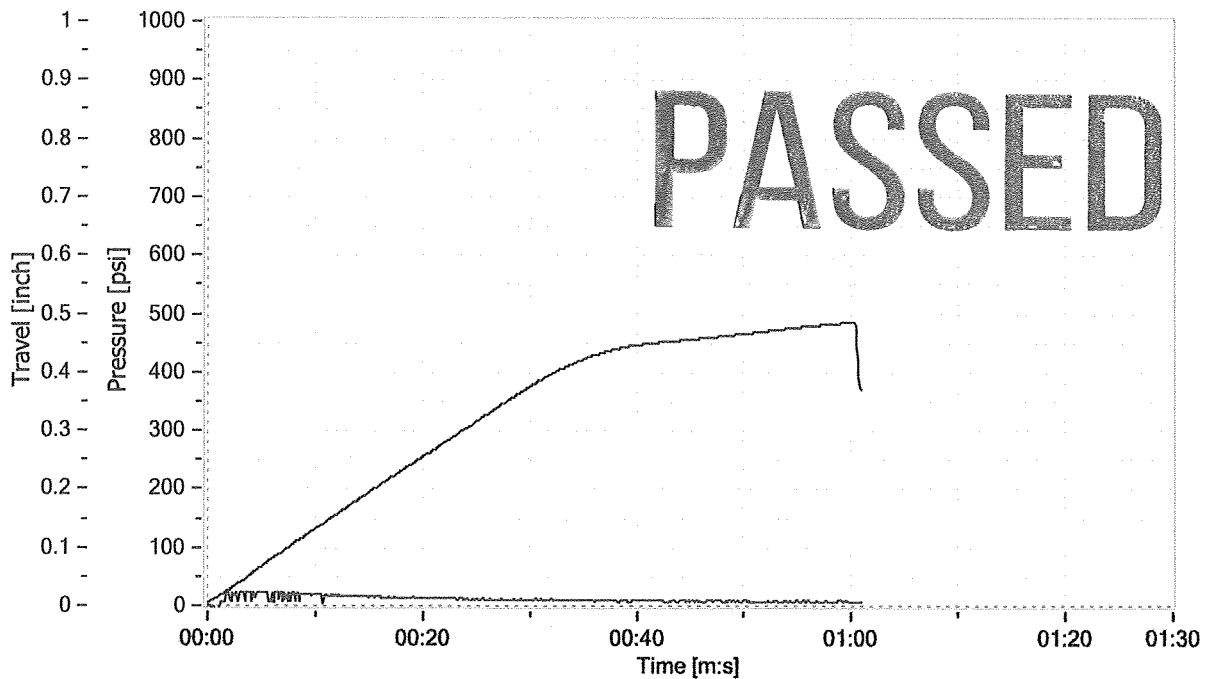
Found set pressure 486 psi
Reseat pressure (indication) 371 psi
Result Passed
Test method Air

Seat tightness test

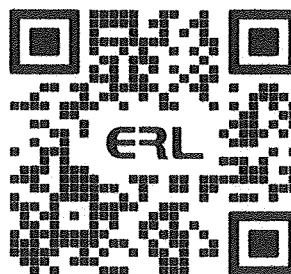
Leakage 0 bubbles/min.
Test pressure 434 psi
Result Passed

Backpressure test

Pressure 31 psi
Result Passed



INTERLINK



Tested by

Name David Theiler

Date 08-18-2022

Signature

Inspected by

Name *JP Borders*

Date 08-18-2022

Signature



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-10692-SO
Barge Name ARROWHEAD 266
Work Order # LV-11547-WO

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Lonergan Size 8" x 10" Model # R-SOTS120CKC0263

Serial # 222951-01 Inlet 8" 150 Outlet 10" 150

Construction: Safety Relief Cap: Plain

Set Pressure: 230 psi pressure

Tag: Orifice: Q

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

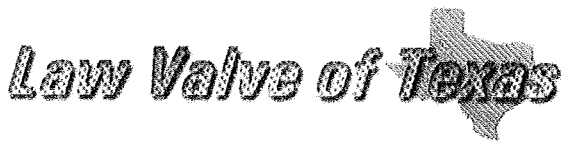
Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

Final Test Report

Date 08/16/2022
 Set Pressure 230 psi pressure
 Nozzle Ring Setting 5 Down
 Back Pressure 30 PSI
 Tested By: [Signature]
 Witness/Assy By: [Signature]

U.S. Coast Guard Witness



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-10692-SO
Barge Name ARROWHEAD 266
Work Order # LV-11547-WO

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Lonergan Size 8" x 10" Model # R-SOTS120CKC0263

Serial # 222951-02 Inlet 8" 150 Outlet 10" 150

Construction: Safety Relief Cap: Plain

Set Pressure: 230 psi pressure

Tag: Orifice: Q

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

Final Test Report

Date 08/16/2022
Set Pressure 230 psi pressure
Nozzle Ring Setting 5 Down
Back Pressure 30 PSI
Tested By: *[Signature]*

Witness/Assy By *[Signature]*

U.S. Coast Guard Witness
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