

GR-014-20



UNITED STATES OF AMERICA  
U.S. DEPARTMENT OF HOMELAND SECURITY  
UNITED STATES COAST GUARD

# TEMPORARY CERTIFICATE OF INSPECTION

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is 5 mins. You may submit any comments concerning the accuracy of this burden estimate or any suggestion reducing the burden to: Commandant (G-MOC), U.S. Coast Guard, Washington, DC 20593-0001 or Office of Management and Budget, Paperwork Reduction Project (1625-0057), Washington, DC 20503.

This Temporary Certificate of Inspection is issued under the provisions 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 <b>KIRBY 23850</b>		OFFICIAL NUMBER <b>510425</b>
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CLASS <b>TANK BARGE</b>	GROSS TONS <b>R-2502</b>	HOME PORT <b>WILMINGTON, DE</b>
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OWNER/ADDRESS <b>KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES</b>	OPERATOR/ADDRESS <b>KIRBY INLAND MARINE LP 18350 Market St Channelview, TX 77530 UNITED STATES</b>
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The following complement of licensed officers and crew is required to be carried; included in which there must be 0 Certificated Lifeboatmen and 0 Certificated Tankermen:

<input type="checkbox"/> Master	<input type="checkbox"/> Master & 1st Class Pilot	<input type="checkbox"/> Able Seamen	<input type="checkbox"/> Chief Engineer	<input type="checkbox"/> Fireman/Watertenders
<input type="checkbox"/> Chief Mate	<input type="checkbox"/> Class Pilot	<input type="checkbox"/> Ordinary Seamen	<input type="checkbox"/> 1st Asst. Engineer	<input type="checkbox"/> Oilers
<input type="checkbox"/> 2nd Mate	<input type="checkbox"/> Radio Officer	<input type="checkbox"/> Deckhands	<input type="checkbox"/> 2nd Asst. Engineer	
<input type="checkbox"/> Mate(s)	<input type="checkbox"/> Operator(s)		<input type="checkbox"/> Engineer(s)	

In addition the vessel may carry 0 other persons in the crew, 0 passengers, 0 persons in addition to the crew, and 0. Total persons allowed 0.

Maximum steam pressure allowed <u>0</u> p.s.i.	DATE DRYDOCKED <b>30 MAR 2021</b>
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ROUTE PERMITTED AND CONDITIONS OF OPERATION

**--- LAKES, BAYS, and SOUNDS ---**

**NEXT DD 31 MAR 2021**  
**NEXT ISE 31 MAR 2026**  
**NEXT CTIE 31 MAR 2031**

INSPECTED AND APPROVED FOR THE CARRIAGE OF  
**AMMONIA, ANHYDROUS**

Inspection of the above vessel was completed on 30 MAR 2021 I HEREBY CERTIFY that on this date the vessel was in all respects in conformity with applicable vessel inspection laws and regulations prescribed thereunder.

OFFICER IN CHARGE MARITIME INSPECTION <b>W. S. Wallen / CDR, USCG, By direction</b>	INSPECTION ZONE <b>Sector Lower Mississippi River</b>
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# Certificate of Inspection

KIRBY 23850

Certification Date:  
15Jun2015

**---Hull Exams---**

Exam Type	Next Exam	Last Exam	Prior Exam
Drydock	15Jun2025	15Jun2015	23Feb2005
Internal Structure	15Jun2020	15Jun2015	01Apr2010

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

Authorization/ SPECIFIED HAZARDOUS CARGO  
46CFR Subchapter D Authority: Highest Grade/ Capacity/ Units/  
46CFR Subchapter O Authority: Part 151/Yes Part 153/No Part 154/No

**\*Loading Constraints - Structural\***

Tanks	Max Cargo Weight/Tank(Short Tons)	Max Density(LBS/Gal)
1 P/S CYLINDRICAL TANKS	1354	5.800

**\*Loading Constraints - Stability\***

Hull Type	Max Load (STons)	Max Draft (Ft/In)	Max Density (Lbs/Gal)	Route
II	2756	9'6	5.8	Lakes, Bays, and Sounds

**\*Conditions of Carriage\***

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN80008817, dated 24MAR01, may be carried and only in the tanks indicated.

**---Inspection Status---**

**\*Cargo Tanks\***

TankID	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S CYLINDRICAL TANKS	01Apr2010	15Jun2015	15Jun2023	01Apr2010	15Jun2015	15Jun2018

TankID	Safety Valves		Hydro Test		Next
	Previous	Last	Previous	Last	
1 P/S CYLINDRICAL TANKS	05Jun2015	-	-	-	-

**\*Pressure Vessels\***

Type	Location	Previous	Last	Next
Air Receiver	Manufacturer: WESTERN	01Apr2010	15Jun2015	15Jun2020

**---Conditional Portable Fire Extinguisher Requirements---**  
Required Only During Transfer of Cargo or Operation of Barge Machinery.

**---Fire Fighting Equipment---**

Number of Fireman Outfits/ 0

**\*Fire Extinguishers - Hand portable and semi-portable\***  
Qty Class Type



Department of Homeland Security  
United States Coast Guard

# *Certificate of Inspection*

KIRBY 23850

Certification Date:  
15Jun2015

1

B-II

\*\*\*END\*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 23850  
Official #: D510425

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Shipyard: TODD SHIPYA  
Hull #: UNKNOWN

### List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Matrix of Construction
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
Ammonia, anhydrous	AMA	6	N	LCG	II		50-30, 50-32
Ammonia, anhydrous	AMA	6	N	LCG	II		48-10(1), 50-30, 50-32

### Explanation of terms & symbols used in the Table:

#### Cargo Identification

<b>Name</b>	The proper shipping name as listed in 48 CFR Table 151.05.
<b>Chem Code</b>	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
<b>Compatibility Group No.</b>	The cargo reactive group number assigned for compatibility determinations in 48 CFR Part 150 Tables I and II. In accordance with 48 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 48 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 48 CFR 150 in conjunction with the assigned reactive group number.
<b>Exceptions (Exc)</b>	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 48 CFR Part 150.
<b>Grade</b>	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "I" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
<b>A, B, C</b>	Flammable liquid cargoes, as defined in 48 CFR 30-10.22.
<b>D, E</b>	Combustible liquid cargoes, as defined in 48 CFR 30-10.15.
<b>NA, NF</b>	Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
<b>Ø</b>	No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.
<b>Hull Type</b>	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 48 CFR 151.10-1.
<b>I</b>	Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 48 CFR 151.10-1(b)(1).
<b>II</b>	Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(3).
<b>III</b>	Designed to carry products of sufficient hazard to require a moderate degree of control. See 48 CFR 151.10-1(b)(4).

#### Conditions of Carriage

**Note** See Certificate of Inspection for explanation of symbols used in this column.

# Safety valve inspection report

Certificate nr 319  
Date 01-25-2021

Job no. LV-7456-WO  
Client Kirby Inland Marine  
Barge # KIRBY 23850

## Valve data

Set pressure (cold) 25 psi  
Manufacturer Farris  
Type / Model 26QA10L-120S4/SP  
Serial No. 537890-2-A14

Size 6xQx8  
Rating 150x150  
Nozzle / Orifice Q  
Tag. No.

## Test data

### Set pressure test

Found set pressure 24 psi  
Reseat pressure (indication) 24 psi  
Result Passed  
Test method Air

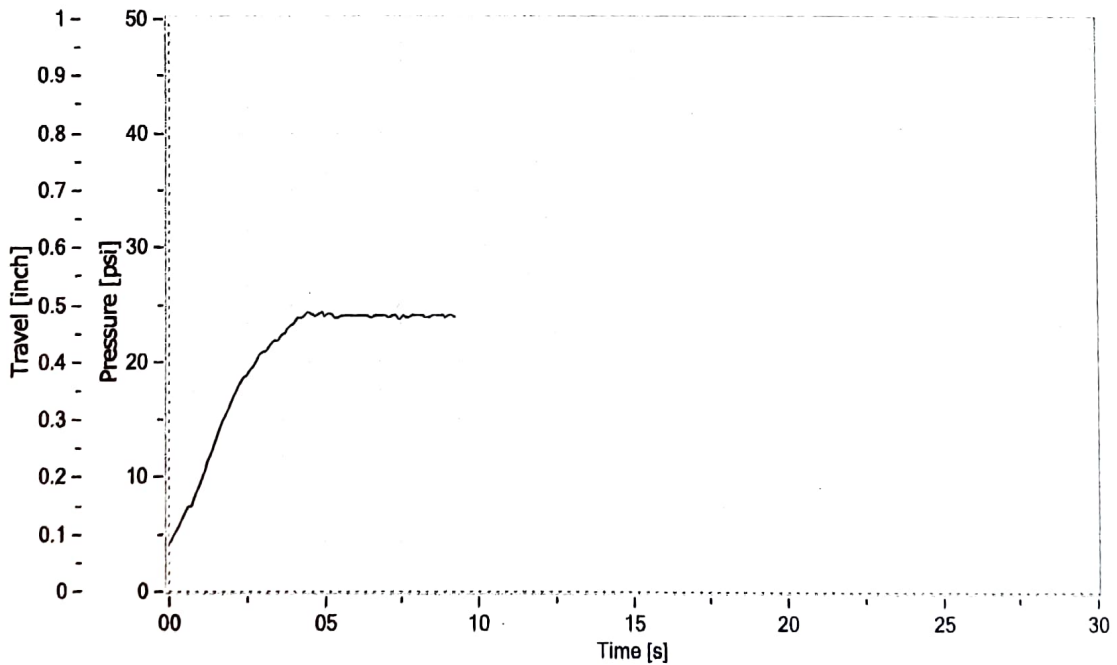
### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 21 psi  
Result Passed

### Backpressure test

Pressure 31 psi  
Result Passed

**Law Valve of Texas**



Tested by

Name

David Theiler

Date

1-25-21

Signature

Inspected by

Name

Eduardo A Perez

Date

1-25-21

Signature

# Safety valve inspection report

Certificate nr 318  
Date 01-25-2021

Job no. LV-7456-WO  
Client Kirby Inland Marine  
Barge # KIRBY 23850

## Valve data

Set pressure (cold) 25 psi  
Manufacturer Farris  
Type / Model 26QA10L-120S4/SP  
Serial No. 537890-3-A14

Size 6xQx8  
Rating 150x150  
Nozzle / Orifice Q  
Tag. No.

## Test data

### Set pressure test

Found set pressure 25 psi  
Reseat pressure (indication) 24 psi  
Result Passed  
Test method Air

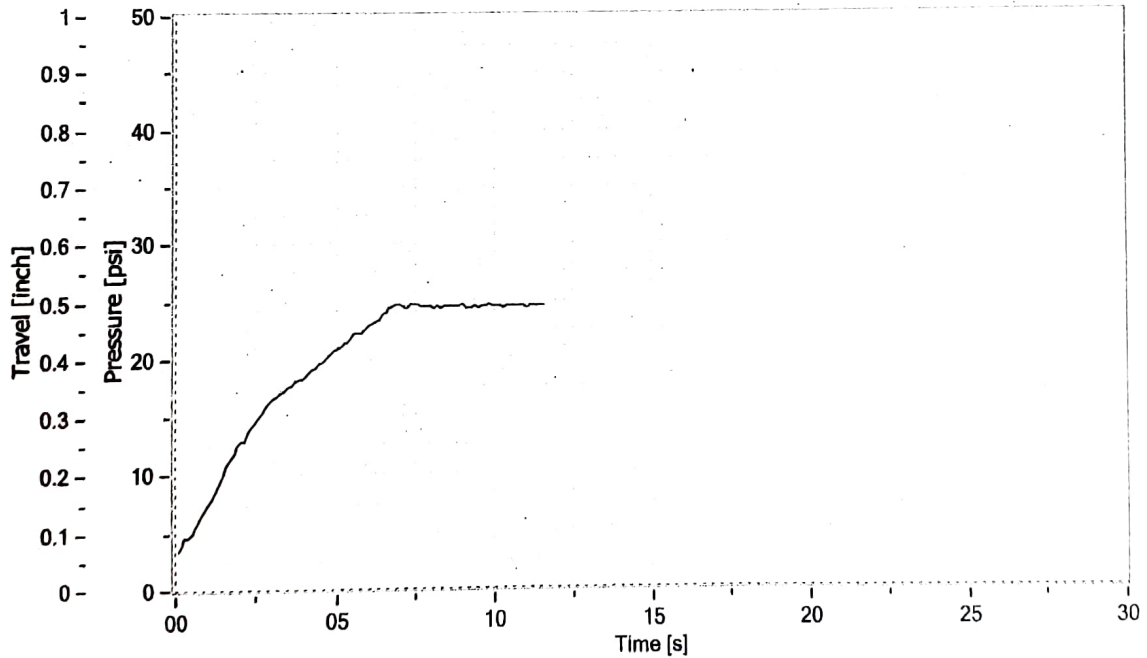
### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 22 psi  
Result Passed

### Backpressure test

Pressure 31 psi  
Result Passed

**Law Valve of Texas**



Tested by  
Name David Theller  
Date 1-25-21  
Signature *[Signature]*

Inspected by  
Name *EdUARDO A RUIZ*  
Date 1-25-21  
Signature *[Signature]*

# Safety valve inspection report

Certificate nr 320  
Date 01-25-2021

Job no. LV-7456-WO  
Client Kirby Inland Marine  
Barge # KIRBY 23850

## Valve data

Set pressure (cold) 25 psi  
Manufacturer Farris  
Type / Model 26QA10L-120S4/SP  
Serial No. 537890-1-A14

Size 6xQx8  
Rating 150x150  
Nozzle / Orifice Q  
Tag. No.

## Test data

### Set pressure test

Found set pressure 24 psi  
Reseat pressure (indication) 24 psi  
Result Passed  
Test method Air

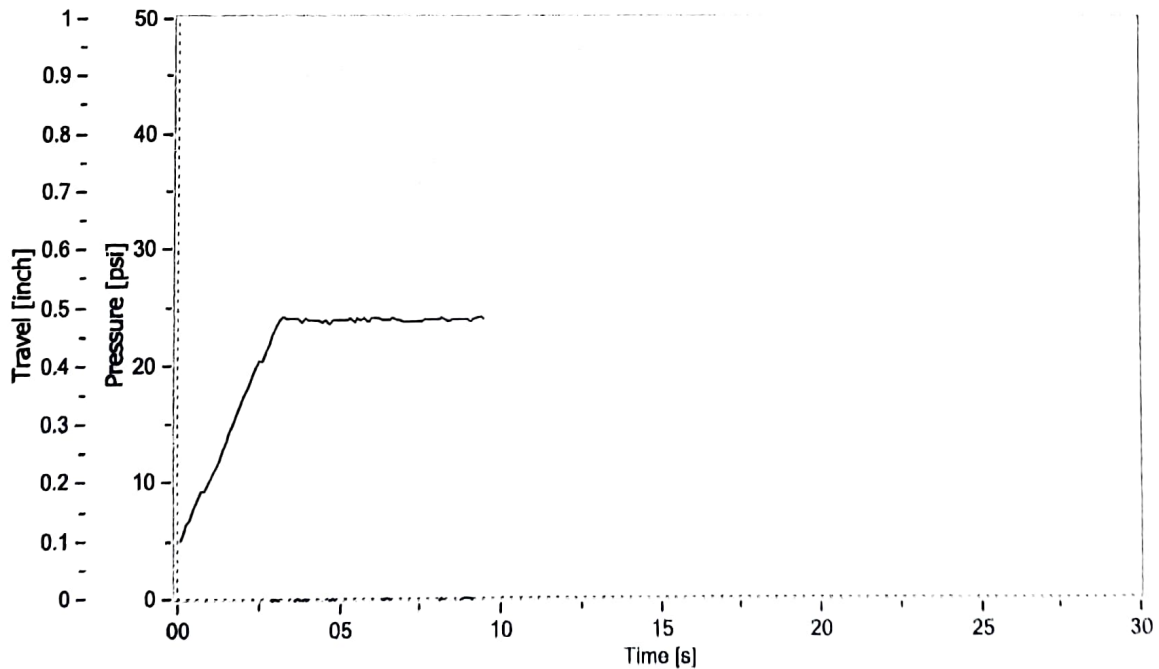
### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 21 psi  
Result Passed

### Backpressure test

Pressure 31 psi  
Result Passed

**Law Valve of Texas**



Tested by

Name

David Theiler

Date

1-25-21

Signature

Inspected by

Name

Eduardo A Perez

Date

1-25-21

Signature

# Safety valve inspection report

Certificate nr 321  
Date 01-25-2021

Job no. LV-7456-WO  
Client Kirby Inland Marine  
Barge # KIRBY 23850

## Valve data

Set pressure (cold) 25 psi  
Manufacturer Farris  
Type / Model 26QA10L-120S4/SP  
Serial No. 537890-4-A14

Size 6xQx8  
Rating 150x150  
Nozzle / Orifice Q  
Tag. No.

## Test data

### Set pressure test

Found set pressure 24 psi  
Reseat pressure (indication) 24 psi  
Result Passed  
Test method Air

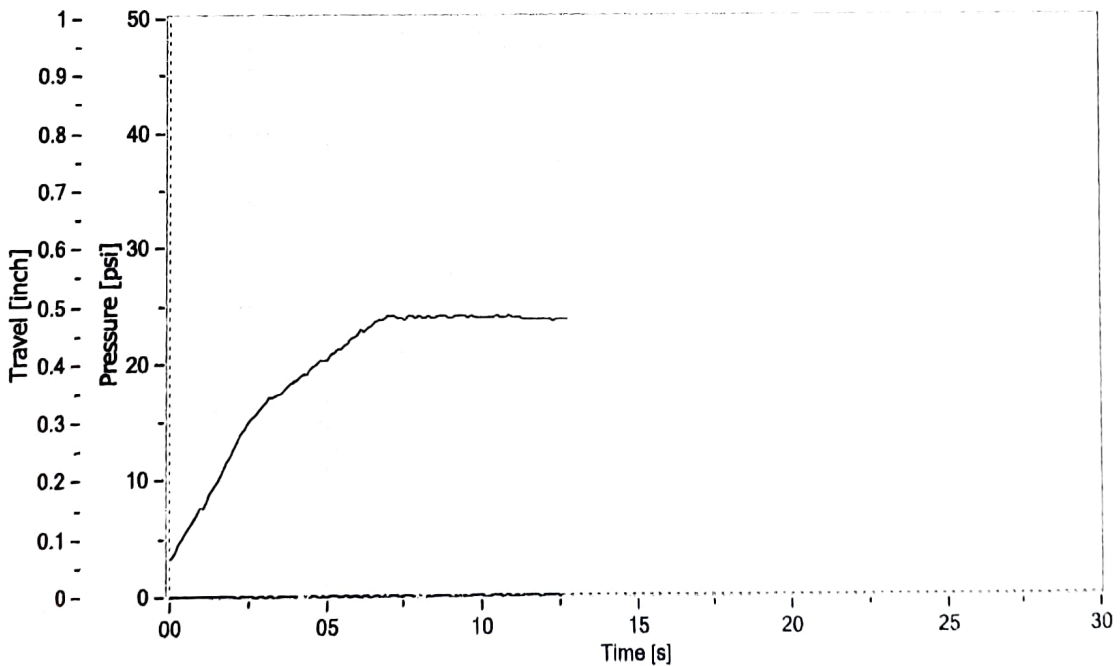
### Seat tightness test

Leakage 0 bubbles/min.  
Test pressure 21 psi  
Result Passed

### Backpressure test

Pressure 31 psi  
Result Passed

**Law Valve of Texas**



Tested by

Name David Theller  
Date 1-25-21  
Signature

Inspected by

Name *Eduardo A Perez*  
Date 1-25-21  
Signature