



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 21850</b>	OFFICIAL NUMBER <b>298556</b>
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CLASS <b>BOTTLE BARGE</b>	GROSS TONS <b>K-2482</b>	HOME PORT <b>HOUSTON, TX</b>
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OWNER/ADDRESS <b>KIRBY INLAND MARINE</b>	OPERATOR/ADDRESS <b>SAME AS OWNER</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 Lifeboatman and 0 Certificated Tankerman: 0

<input checked="" type="checkbox"/> Master	<input checked="" type="checkbox"/> Master & 1st Class Pilot	<input checked="" type="checkbox"/> Able Seamen	<input checked="" type="checkbox"/> Chief Engineer	<input checked="" type="checkbox"/> Fireman/Watertenders
<input checked="" type="checkbox"/> Chief Mate	<input checked="" type="checkbox"/> Class Pilot	<input checked="" type="checkbox"/> Ordinary Seamen	<input checked="" type="checkbox"/> 1st Asst. Engineer	<input checked="" type="checkbox"/> Oilers
<input checked="" type="checkbox"/> 2nd Mate	<input checked="" type="checkbox"/> Radio Officer	<input checked="" type="checkbox"/> Deckhands	<input checked="" type="checkbox"/> 2nd Asst. Engineer	
<input checked="" type="checkbox"/> Mate(s)	<input checked="" type="checkbox"/> Operator(s)		<input checked="" 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>03 JUL 2017</b>
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ROUTE PERMITTED AND CONDITIONS OF OPERATION  
**--- LAKES, BAYS, and SOUNDS ---**

INSPECTED AND APPROVED FOR THE CARRIAGE OF  
**SPECIFIED HAZARDOUS CARGOES.**

Inspection of the above vessel was completed on 30 JUN 2022 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 MARINE INSPECTION <b>W. S. Wallen LCDR, USCG, By direction</b>	INSPECTION ZONE <b>Sector Lower Mississippi River</b>
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**United States of America  
Department of Homeland Security  
United States Coast Guard**

Certification Date:	30 Jun 2022
Expiration Date:	30 Jun 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.

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Vessel Name <b>KIRBY 21850</b>	Official Number <b>298556</b>	IMO Number	Call Sign	Service <b>Tank Barge</b>
Hailing Port <b>WILMINGTON, DE</b>	Hull Material <b>Steel</b>	Horsepower	Propulsion	
<b>UNITED STATES</b>				
Place Built <b>HOUSTON, TX</b>	Delivery Date	Keel Laid Date	Gross Tons <b>R-2482</b>	Net Tons <b>R-2482</b>
<b>UNITED STATES</b>			<b>I-</b>	<b>I-</b>
			DWT	Length <b>R-293.0</b>
				<b>I-0</b>
Owner <b>KIRBY INLAND MARINE LP 55 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES</b>	Operator <b>KIRBY INLAND MARINE, LP 18350 Market Street Channelview, TX 77530 UNITED STATES</b>			

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---**

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 91.40-3(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 91.40-3(a) (1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

This Tank Barge is participating in the Eight & 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 (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

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

With this Inspection for Certification having been completed at Greenville, MS, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Lower Mississippi River 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:	
Date	Zone	A/P/R	Signature	W. S. Wallen, LCDR, USCG By direction	
				Officer in Charge, Marine Inspection	
				Sector Lower Mississippi River	
				Inspection Zone	





# Temporary Certificate of Inspection

Vessel Name: KIRBY 21850

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31May2027	03Jul2017	09May2007
Internal Structure	30Jun2027	30Jun2022	03Jul2017

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

Authorization: SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
20000	Barrels	LFG	Yes	No	No

#### \*Hazardous Bulk Solids Authority\*

Not Authorized

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

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1	2500	5.69
2	2500	5.69

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	2500	0ft 0in	5.69	

#### \*Conditions Of Carriage\*

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN80007927, dated 13AUG01, may be carried.

Inspected and approved for the carriage of anhydrous ammonia at a pressure not to exceed 25 PSIG and a temperature not less than -50 degrees fahrenheit.

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1	03Jul2017	30Jun2022	30Jun2032	03Jul2017	30Jun2022	30Jun2025
2	03Jul2017	30Jun2022	30Jun2032	03Jul2017	30Jun2022	30Jun2025
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1	23May2022		-	-	-	
2	23May2022		-	-	-	



# Temporary Certificate of Inspection

Vessel Name: KIRBY 21850

## ---Lifesaving Equipment---

Total Equipment for 0 Persons

### Primary Lifesaving Equipment

	Quantity	Capacity		Required
Lifeboats (Total)	0	0	Life Preservers (Adult)	0
Lifeboats (Port)	0	0	Life Preservers (Child)	0
Lifeboats (Starboard)	0	0	Ring Buoys (Total)	0
Motor Lifeboats	0	0	With Lights	0
Lifeboats With Radio	0	0	With Line Attached	0
Rescue Boats/Platforms	0	0	Other	0
Inflatable Rafts	0	0	Immersion Suits	0
Life Floats/Buoyant App	0	0	Portable Lifeboat Radios	0
Inflatable Buoyant Apparatus (IBA)	0	0	Equipped With EPIRB?	NO

## ---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
2	B-II

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



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **Kirby 21850**  
Official #: D298556

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Shipyard: PORT HOUST  
Hull #:

### List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'l's of Construction
		Group No	Exc				

#### Authorized Subchapter O Cargoes

Ammonia, anhydrous	AMA	6	N	LCG	II	.50-30, .50-32
Ammonia, anhydrous	AMA	6	N	LCG	II	40-1(b)(1), 50-30, 50-32

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

##### Cargo Identification

- Name                                      The proper shipping name as listed in 46 CFR Table 151.05
- Chem Code                                The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
- Compatibility Group No.                The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
- Exceptions (Exc)                         Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
- Grade                                        The cargo classification assigned to each flammable or combustible liquid. Grades inside of '{ }' 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.
  - A, B, C                                    Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
  - D, E                                        Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
  - NA, NF                                    Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
  - #    No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.
- Hull Type                                 The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
  - I    Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
  - II    Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
  - III    Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

##### Conditions of Carriage

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