



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 <i>KIRBY 21853</i>	OFFICIAL NUMBER <i>509885</i>
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CLASS <i>TANK BARGE</i>	GROSS TONS <i>R-2424</i>	HOME PORT <i>Wilmington, DE</i>
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OWNER/ADDRESS <i>KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES</i>	OPERATOR/ADDRESS <i>SAME AS OWNER</i>
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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: 0

Master	Master & 1st Class Pilot	Able Seamen	Chief Engineer	Fireman/Waterenders
Chief Mate	Class Pilot	Ordinary Seamen	1st Asst. Engineer	Others
2nd Mate	Radio Officer	Deckhands	2nd Asst. Engineer	
Mate(s)	Operator(s)		Engineer(s)	

In addition the vessel may carry 0 other persons in the crew, 0 passengers, 0 persons in addition to the crew, and NO OTHERS. Total persons allowed 0.

Maximum steam pressure allowed <u>NA</u> p.s.i.	DATE DRYDOCKED <i>22 MAY 2020</i>
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ROUTE PERMITTED AND CONDITIONS OF OPERATION <i>--- Lakes, Bays, and Sounds ---</i>	<i>NEXT DD 31 MAY 2030 NEXT ISE 31 MAY 2025 NEXT CTIE 31 MAY 2030</i>
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INSPECTED AND APPROVED FOR THE CARRIAGE OF

LIQUEFIED COMPRESSED GAS

Inspection of the above vessel was completed on 22 MAY 2020. 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 <i>B. Rios LCDR USCG, By direction</i>	INSPECTION ZONE <i>Sector Lower Mississippi River</i>
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Certificate of Inspection

Vessel Name: KIRBY 21853

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	28Jun2026	28Jun2016	27Jan2006
Internal Structure	28Jun2021	28Jun2016	27Jan2011

---Stability---

Type	Issued Date	Office
Book	None Valid	
Letter	None Valid	

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

Authorization: LIQUEFIED FLAMMABLE GAS

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
21819	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Maximum Load (short tons)	Maximum Density (lbs/gal)
P/S		5.69

Loading Constraints - Stability

Hull Type	Max Cargo Weight/Tank (short tons)	Maximum Draft (Ft/In)	Max Density (lbs/gal)	Route Description
II		0ft 0in	5.69	

Conditions Of Carriage

Only those cargoes cargo named in the vessel's Cargo Authority Attachment (CAA), serial # VN80015231, dated 03JUL00, may be carried.

Inspected and approved for the carriage of refrigerated Anhydrous Ammonia at a pressure not to exceed 10 PSI and at a temperature not less than -28 degrees fahrenheit.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
P/S	27Jan2006	28Jun2016	28Jun2026	27Jan2011	28Jun2016	28Jun2021
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
P/S	28Mar2016		-	-	-	



Certificate of Inspection

Vessel Name: KIRBY 21853

Pressure Vessels

Type	Location	Previous	Last	Next
Air Receiver	Manufacturer: MCIVER	23Feb2011	28Jun2016	28Jun2021

--- Fire Fighting Equipment ---

Number of Fireman Outfits - Number of Fire Pumps - 0

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
1	B-II

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **KIRBY 21853**
Official #: D509885

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Shipyard: WYATT INDUS
Hull #: 255

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'is 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.
Compatability 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.
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