



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.

Vessel Name KIRBY 21853	Official Number 509885	IMO Number	Call Sign	Service Tank Barge
Hailing Port WILMINGTON, DE UNITED STATES	Hull Material Steel	Horsepower	Propulsion	
Place Built HOUSTON, TX UNITED STATES	Delivery Date 15Dec1967	Keel Laid Date	Gross Tons R-2424 I-	Net Tons R-2424 I-
			DWT I-0	Length R-295.0 I-0
Owner KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	Operator 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---

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 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 this change in status occurs.

This Tank Barge is participating in the Eighth & 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: <i>R. Tamez</i> R. Tamez, CAPT, USCG Sector Commander
Date	Zone	A/P/R	Signature	
4-17-21	Greenville, MS	A	TERRY TICHEL	Officer in Charge, Marine Inspection Sector Lower Mississippi River Inspection Zone
4-20-22	Greenville, MS	P	TERRY TICHEL	
7-7-23	Greenville, MS	A	James T. Zimmerman	
4-27-24	Greenville, MS	A	James T. Zimmerman	



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Vessel Name: KIRBY 21853

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31May2030	22May2020	28Jun2016
Internal Structure	31May2025	22May2020	28Jun2016

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

Authorization: LIQUEFIED COMPRESSED GAS

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

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
P/S		5.69

Loading Constraints - Stability

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

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 25 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	28Jun2016	22May2020	31May2030	28Jun2016	22May2020	31May2025
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
P/S	20Feb2024		-	-	-	

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	B-II



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

Certification Date: 22 May 2020
Expiration Date: 22 May 2025

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---Certificate Amendments---

Amending Unit	Amendment Date	Amendment Remark
Marine Safety Detachment Vicksburg	10Feb2021	Amended COI to correct accurate SRV setting of 25psi.
Marine Safety Unit Baton Rouge	16Feb2024	Changed Safety Relief Valve date.

END



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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'ls 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.
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