



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

**Certification Date: 30 Jun 2022
Expiration Date: 30 Jun 2027**

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	Official Number	IMO Number	Call Sign	Service
KIRBY 21850	298556			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
WILMINGTON, DE UNITED STATES	Steel		

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX UNITED STATES			R-2482 -	R-2482 -		R-293.0 -0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DRIVE SUITE 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---

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.

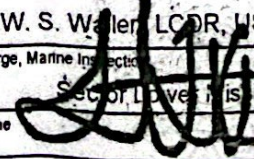
This Tank Barge is participating in the Eight & Ninth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to 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			
Date	Zone	A/P/R	Signature
5-23-2023	Baton Rouge	A	James T. Zimmerman
4-9-2024	Greenville, MS	R	James T. Zimmerman

This certificate issued by:
W. S. Waller, LCDR, USCG By direction
Officer in Charge, Marine Inspection
Sector Lower Mississippi River
Inspection Zone





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		-	-	-	



Certificate of Inspection

Vessel Name: KIRBY 21850

---Lifesaving Equipment---

			Required
Total Equipment for 0 Persons			0
Primary Lifesaving Equipment	Quantity	Capacity	Life Preservers (Adult)
Lifeboats (Total)	0	0	0
Lifeboats (Port)	0	0	Life Preservers (Child)
Lifeboats (Starboard)	0	0	0
Motor Lifeboats	0	0	Ring Buoys (Total)
Lifeboats With Radio	0	0	0
Rescue Boats/Platforms	0	0	With Lights
Inflatable Rafts	0	0	0
Life Floats/Buoyant App	0	0	With Line Attached
Inflatable Buoyant Apparatus (IBA)	0	0	0
			Other
			0
			Immersion Suits
			0
			Portable Lifeboat Radios
			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	40-B

END



Certificate of Inspection

Cargo Authority Attachment

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

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Shipyards: 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.