



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

Certification Date:	27 Mar 2019
Expiration Date:	27 Mar 2024

# 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 <b>KIRBY 21854</b>	Official Number <b>299738</b>	IMO Number	Call Sign	Service <b>Tank Barge</b>
Hailing Port <b>WILMINGTON, DE</b>  <b>UNITED STATES</b>	Hull Material <b>Steel</b>	Horsepower	Propulsion	
Place Built <b>HOUSTON TX</b>  <b>UNITED STATES</b>	Delivery Date <b>15Jun1965</b>	Keel Laid Date <b>15Jan1965</b>	Gross Tons <b>R-2482</b>	Net Tons <b>R-2482</b>
			DWT	Length <b>R-293.0</b>  <b>I-0</b>
Owner <b>KIRBY INLAND MARINE LP</b> <b>55 WAUGH DR STE 1000</b> <b>HOUSTON, TX 77007</b> <b>UNITED STATES</b>		Operator <b>KIRBY INLAND MARINE, LP</b> <b>18350 Market St</b> <b>Channelview, TX 77530</b> <b>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 as 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 Eighth and 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 Houston, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Houston-Galveston 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: <b>Nicole D. Rodriguez CDR, USCG, By Direction</b>
Date	Zone	A/P/R	Signature	
<b>1-15-20</b>	<b>TBSIP</b>	<b>A</b>	<b>Shawn McKinnon</b>	Officer in Charge, Marine Inspection
<b>1-15-21</b>	<b>GREENVILLE MS</b>	<b>P</b>	<b>TERRY TRICHELL</b>	Sector Houston-Galveston
<b>1-14-22</b>	<b>GREENVILLE MS</b>	<b>A</b>	<b>TERRY TRICHELL</b>	
<b>1-14-23</b>	<b>GREENVILLE MS</b>	<b>A</b>	<b>TERRY TRICHELL</b>	Inspection Zone



# Certificate of Inspection

Vessel Name: KIRBY 21854

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Mar2029	27Mar2019	03Oct2008
Internal Structure	31Mar2024	27Mar2019	01Aug2013

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

Authorization: LFG & 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\*

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

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 (P&S)	1225	5.69

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	2450	0ft 0in	5.69	
II	2450	0ft 0in	5.69	

#### \*Conditions Of Carriage\*

Only those specific hazardous cargoes named in the vessel's Cargo Authority Attachment, serial VN80015209, dated 12May00, may be carried.

Inspected and approved for the carriage of ANHYDROUS AMMONIA at a pressure not to exceed 25 PSIG relief valve setting and at temperatures not less than -50 degrees Fahrenheit.

#### \*STABILITY AND TRIM\*

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter "O" cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 (P&S)	03Oct2008	27Mar2019	31Mar2029	01Aug2013	27Mar2019	31Mar2024

#### Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 (P&S)	12Jan2022	-	-	-

### --- Fire Fighting Equipment ---



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**\*Fire Extinguishers - Hand portable and semi-portable\***

Quantity	Class Type
2	B-II

**---Certificate Amendments---**

Amending Unit	Amendment Date	Amendment Remark
Marine Safety Detachment Vicksburg	12Jan2022	Witnessed Cargo Tank relief valve test.

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



Department of Transportation  
United States Coast Guard

Serial #: VV80015209  
COI Ref: 12-May-00

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 21854  
Official #: D298738

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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 48 CFR 151 General and Parts 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		40-10(b), 50-30, 50-32

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

#### Cargo Identification

Name	The proper shipping name as listed in 48 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 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 assuring 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.
Exceptions (Exc)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 48 CFR Part 150
Grade	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 manufacturer data. The Person-in-Charge shall verify the cargo grade based on Manufacturer data and ensure that the barge is authorized for carriage of that grade of cargo. Flammable liquid cargoes, as defined in 48 CFR 30-10.22 Combustible liquid cargoes, as defined in 48 CFR 30-10.15. 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/boiling pressure data for such assignments are presently not available.
A, B, C D, E NA, NF S	
Hull Type	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 48 CFR 151.10-1 I II III 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). Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(2). 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.



**STEWART BUCHANAN GAUGES LTD**

QA126.11G

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Kilsyth  
Glasgow  
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Fax : +44 1236 824090  
E-mail : sales@stewarts-group.com  
Website : www.stewarts-group.com

Date : 03/12/2020  
Page : 1  
Sales order : 20704985 Rev: 0  
Customer Order No : S-16414  
Customer account : TEX001

**GROUP TEST CERTIFICATE**

STEWARTS USA LLC  
6786 TIPPERARY  
HOUSTON  
TX 77061  
THE UNITED STATES OF AMERICA

Certificate No. : G151752

Production	Item number	Description	Quantity	Serial Nos
20929203	40SV-200-ERL2	4" 1/4"NPT 0-200 PSI	88.00	20929203/1-88

Accuracy +-1% Full Scale

Test Equipment. (Serial No. 31865-622M, Cert. No. 58607)

Install Date 1 14 22

GTC Signed on behalf of Stewarts by :- *K. Moody* Name: K MOODY.  
This Certificate is not issued by or on behalf of, the Certificate Body L.R.Q.A. Ltd

Unless stated otherwise all Pressure Gauges are calibrated in accordance with EN837-1 to an Accuracy of Class-1.  
Unless stated otherwise all Thermometers are calibrated in accordance with EN 13190,  
up to 400 deg c Accuracy Class-1; above 400 deg c Accuracy Class-2.  
Unless stated otherwise all Ball Valves are tested in accordance with ISO 17292.  
Unless stated otherwise all Needle Valves are tested in accordance with EN 12266.  
Certified that the products detailed herein have been calibrated and tested in accordance with the conditions  
and requirements of the contract of purchase order and unless otherwise noted, conform in all respects to the  
specification(s), drawing(s), relative thereto.  
Accuracy of test equipment is traceable to National Standards.





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E-mail : sales@stewarts-group.com  
Website : www.stewarts-group.com

Date : 03/12/2020  
Page : 1  
Sales order : 20704985 Rev: 0  
Customer Order No : S-16414  
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