



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

Certification Date: 15 Apr 2019
Expiration Date: 15 Apr 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	Official Number	IMO Number	Call Sign	Service
KIRBY 17802	637570			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
TAMPA, FL	28 Nov 1980		R-2084	R-2084		R-249.0
UNITED STATES						10

Owner	Operator
KIRBY INLAND MARINE, LP 65 WAUGH DRIVE SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 MARKET STREET CHANNELVIEW, TX 77630 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 plus Limited Coastwise---

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval per 46 CFR 31.10-21(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 31.10-21(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 Coast Guard District's Tank Barge Streamlined Inspection Program

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur 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>J.J. Andrew</i> J.J. ANDREW, CDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	
7/6/2020	NOLA-TB&R	A	Murphy Banks	
10-7-2021	NOLA	P	Murphy Banks	
3-11-2022	NOLA	A	Murphy Banks	
1-19-2023	NOLA	A	Murphy Banks	



Certificate of Inspection

Vessel Name: KIRBY 17802

(TBSIP). Inspection activities aboard this barge shall be conducted per its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	27Feb2024	27Feb2014	30Oct2003
Internal Structure	28Feb2024	15Apr2019	27Feb2014

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

Authorization: LFG AND SPECIFIED HAZARDOUS CARGO

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
17308	Barrels	LFG	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)
1 P/C/S (PPL)	475	4.30
1 P/C/S (BDI)	512	5.20

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial # VN81000966, dated May 17, 2000, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

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.

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1671	8'5"	5.2	LBS, R, LC (0-12)
II (PPL)	1326	7'6"	4.3	LBS, R, LC (0-12)

Inspected and approved for the carriage of liquefied flammable gases at a pressure not to exceed 260 psig and at a temperature not less than ambient.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/C/S (PPL)	30Oct2003	27Feb2014	27Feb2024	16Feb2016	11Apr2019	28Feb2024
1 P/C/S (BDI)	30Oct2003	27Feb2014	27Feb2024	16Feb2016	11Apr2019	28Feb2024
				Hydro Test		
Tank Id	Safety Valves		Previous	Last	Next	
1 P/C/S (PPL)	13Mar2019		-	08Mar1985	-	



Certificate of Inspection

Vessel Name: KIRBY 17802

1 P/C/S (BDI) 13Mar2019 - 08Mar1985 -

---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
1	40-B

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **KIRBY 17802**
Official #: **D637570**

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Shipyard: **MISENER INDUSTRIES**
Hull #: **143**

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				
Butadiene	BDI	30	N	LFG	II		50-70(a), 50-73
Propylene	PPL	30	N	LFG			

Authorized Subchapter O Cargoes

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.

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 8" Model # 1910 Q

Serial # CJ 1583 Inlet 6"300 Outlet 8"150

Constrution: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: Q

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

Final Test Report

Date 3/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: Bryant Ritchie

Witnessed By: Bobby Davis

U.S. Coast Guard Witness *[Signature]*

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 8" Model # 1910 Q

Serial # TB 906680 Inlet 6"300 Outlet 8"150

Constrution: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: Q

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

Final Test Report

Date 3/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: Bryant Ritchie

Witnessed By: Bobby Davis

U.S. Coast Guard Witness *Alvin...*

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Consolidated Size 6" x 8" Model # 1910 Q

Serial # TB 20373 Inlet 6"300 Outlet 8"150

Constrution: Safety Relief Cap: Plain

Set Pressure: 260 psi pressure

Tag: Orifice: Q

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

Final Test Report

Date 3/13/2019

Set Pressure 260 psi pressure

Nozzle Ring Setting 7 Down

Back Pressure 30 PSI

Tested By: Bryant Ritchie

Witnessed By: Bobby Davis

U.S. Coast Guard Witness *[Signature]*

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer:	Kirby Inland Marine	Order #			
Make	Hydroseal	Size	1" x 1"	Model #	1910 Q
Serial #	553011-5	Inlet	1" mnpt	Outlet	1" fnpt
Constrution:	Safety Relief	Cap:	Plain		
Set Pressure:	480 psi pressure				
Tag:		Orifice:	1/2"		
Work Required:	Complete Overhaul	Test Air			
Condition Received:	Need Repair				

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date	3/13/2019		
Set Pressure	480 psi pressure		
Nozzle Ring Setting			
Back Pressure	50 PSI		
Tested By:	<u>Joe Ramirez</u>	Witnessed By:	<u>Bobby Davis</u>

U.S. Coast Guard Witness _____

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer:	Kirby Inland Marine	Order #			
Make	Hydroseal	Size	1" x 1"	Model #	1910 Q
Serial #	562776-7	Inlet	1" mnpt	Outlet	1" fnpt
Constrution:	Safety Relief	Cap:	Plain		
Set Pressure:	480 psi pressure				
Tag:		Orifice:	1/2"		
Work Required:	Complete Overhaul	Test Air			
Condition Received:	Need Repair				

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date	3/13/2019		
Set Pressure	480 psi pressure		
Nozzle Ring Setting			
Back Pressure	50 PSI		
Tested By:	<u>Joe Ramirez</u>	Witnessed By:	<u>Bobby Davis</u>

U.S. Coast Guard Witness _____

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Hydroseal Size 1" x 1" Model # 1910 Q

Serial # C15075 Inlet 1" mnpt Outlet 1" fnpt

Constrution: Safety Relief Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice: 1/2"

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date 3/13/2019

Set Pressure 480 psi pressure

Nozzle Ring Setting

Back Pressure 50 PSI

Tested By: Joe Ramirez

Witnessed By: Bobby Davis

U.S. Coast Guard Witness

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer:	Kirby Inland Marine	Order #			
Make	Hydroseal	Size	1" x 1"	Model #	1910 Q
Serial #	C15074	Inlet	1" mnpt	Outlet	1" fnpt
Constrution:	Safety Relief	Cap:	Plain		
Set Pressure:	480 psi pressure				
Tag:		Orifice:	1/2"		
Work Required:	Complete Overhaul	Test Air			
Condition Received:	Need Repair				

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date	3/13/2019		
Set Pressure	480 psi pressure		
Nozzle Ring Setting			
Back Pressure	50 PSI		
Tested By:	Joe Ramirez	Witnessed By:	Bobby Davis

U.S. Coast Guard Witness



16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Hydroseal Size 1" x 1" Model # 1910 Q

Serial # C15072 Inlet 1" mnpt Outlet 1" fnpt

Constrution: Safety Relief Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice: 1/2"

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date 3/13/2019

Set Pressure 480 psi pressure

Nozzle Ring Setting

Back Pressure 50 PSI

Tested By: Joe Ramirez

Witnessed By: Bobby Davis

U.S. Coast Guard Witness

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO

Barge Name K 17802

Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Hydroseal Size 1" x 1" Model # 1910 Q

Serial # C15071 Inlet 1" mnpt Outlet 1" fnpt

Constrution: Safety Relief Cap: Plain

Set Pressure: 480 psi pressure

Tag: Orifice: 1/2"

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date 3/13/2019

Set Pressure 480 psi pressure

Nozzle Ring Setting

Back Pressure 50 PSI

Tested By: Joe Ramirez

Witnessed By: Bobby Davis

U.S. Coast Guard Witness

Law Valve of Texas

16917 Market St, Channelview, TX 77530
(713)453-0413

LVT Sales Order LV-2949-SO
Barge Name K 17802

Shop Order & Test Report

Customer:	Kirby Inland Marine	Order #			
Make	Hydroseal	Size	1" x 1"	Model #	1910 Q
Serial #	16802A	Inlet	1" mnpt	Outlet	1" fnpt
Constrution:	Safety Relief	Cap:	Plain		
Set Pressure:	480 psi pressure				
Tag:		Orifice:	1/2"		
Work Required:	Complete Overhaul	Test Air			
Condition Received:	Need Repair				

General Condition Pre-repair

Inlet	Dirty	Spring	Good Cond.
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work: Installed new Viton Kit #RK4CRV3F

Final Test Report

Date	3/13/2019		
Set Pressure	480 psi pressure		
Nozzle Ring Setting			
Back Pressure	50 PSI		
Tested By:	<i>Joe Ramirez</i>	Witnessed By:	<i>Bobby Davis</i>

U.S. Coast Guard Witness