



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

Certification Date: 30 Sep 2019  
 Expiration Date: 30 Sep 2020

# Temporary 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.

This Temporary Certificate of Inspection is issued under the provision 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 Name	Official Number	IMO Number	Call Sign	Service
KIRBY 10556	1079981			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
JEFFERSONVILLE, IN	18Jun1999	28Mar1999	R-716	R-716		R-195.0
UNITED STATES			I-	I-		I-0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 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 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 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 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>B. T. Inagaki</i> USCG B. T. INAGAKI, GS-13, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



# Temporary Certificate of Inspection

Vessel Name: KIRBY 10556

**---Hull Exams---**

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	29Aug2024	29Aug2014	13Jul2004
Internal Structure	31Oct2024	01Oct2019	29Aug2014

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

Authorization: FLAMMABLE/COMBUSTIBLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10667	Barrels	A	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	595	13.600
2 & 3	607	13.600

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1723	10ft 4in	13.60	
II	1495	9ft 3in	13.60	
II	1495	9ft 3in	13.60	
III	1723	10ft 4in	13.60	

**\*Conditions Of Carriage\***

Only Grade "A" and lower cargoes and specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN99005286, dated 10May01, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables, and appendices of 46 CFR 150 in conjunction with the reactive group numbers from the "Compat Group No" column listed in the vessel's CAA.

When the vessel is carrying cargoes containing 0.5% or more benzene, the person in charge is responsible for ensuring the provisions of 46 CFR 197, subpart C are applied.

**\*Vapor Control Authorization\***

Per 46 CFR 39, excluding part 39.40, this vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letters serial #C2-9801873 dated 29May98 and serial #C2-0100997 dated 28May01, and found acceptable for the collection of bulk liquid cargo vapors annotated with either "V" or "T" in the CAA's Note column.

The letter "V" in the note column of the CAA signifies approval for vapor control without any additional requirements.

The letter "T" in the note column of the CAA signifies that the cargo is highly toxic and that spill valves or rupture disks are not authorized as the primary means of overfill protection required by 46 CFR 39.20-9. A high level and overfill alarm is required by 46 CFR 39.20-7.



# Temporary Certificate of Inspection

Vessel Name: KIRBY 10556

### \*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	28Aug2009	29Aug2014	29Aug2024	29Aug2014	01Oct2019	31Oct2024
2 & 3	28Aug2009	29Aug2014	29Aug2024	29Aug2014	01Oct2019	31Oct2024

#### Hydro Test

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
1	27Aug2014	-	-	-
2 & 3	-	-	-	-

### --- 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 10556

Shipyard: JEFFBOAT LLC

Official #: D1079981

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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'ls of Construction
		Group No	Exc				
Acrylonitrile	ACN	15	Y	C	II	T	.50-70(a), .55-1(e)
Adiponitrile	ADN	37	N	E	II	V	No
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No
Alkyl(C7-C9) nitrates	AKN	34	Y		III		.50-81, .50-86
Acetonitrile	ATN	37	N	C	III	T	No
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	.55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	III	V	.50-70(a), .50-81(a), (b)
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BHA				III	V	.50-60, .56-1(b), (d), (f), (g)
Benzene hydrocarbon mixtures (having 10% Benzene or more)	BHB	32	N		III	V	.50-60
Butyl methacrylate	BMH	14	N	D	III	V	.50-70(a), .50-81(a), (b)
Benzene	BNZ	32	N	C	III	V	.50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BTX	32	N	B/C	III	V	.50-60
Carbon tetrachloride	CBT	36	N		III		No
Cyclohexanone	CCH	18	N	D	III	V	.56-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III	V	No
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG	0	N	C	III		No
Camphor oil	CPO	18	N	D	II		No
Chlorobenzene	CRB	36	N	D	III	V	No
Chloroform	CRF	36	N	E	III		No
Cresols	CRS	21	N	E	III	V	No
Crotonaldehyde	CTA	19	Y	C	II	T	.55-1(h)
N,N-Dimethylacetamide	DAC	10	N	E	III	T	.56-1(b)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	.56-1(a), (b)
1,1-Dichloroethane	DCH	36	N	C	III	V	No
Dichloromethane	DCM	36	N	NF	III		No
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	.55-1(f)
Dimethylformamide	DMF	10	N	D	III	V	.55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III		.56-1(b)
1,1-Dichloropropane	DPB	36	N	C	III	T	No
1,3-Dichloropropane	DPC	36	N	C	III	T	No
1,2-Dichloropropane	DPP	36	N	C	III	T	No
1,3-Dichloropropene	DPU	15	N	D	II	T	No
Ethyl acrylate	EAC	14	N	C	III	V	.50-70(a), .50-81(a), (b)
2-Ethylhexyl acrylate	EAI	14	N	E	III	V	.50-70(a), .50-81(a), (b)
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III	V	No
Ethylene glycol hexyl ether	EGH	40	N	E	III		No
Ethylene glycol propyl ether	EGP	40	N	E	III	V	No
2-Ethyl-3-propylacrolein	EPA	19	Y	E	III	V	No
Ethylene cyanohydrin	ETC	20	N	E	III	V	No
Ethyl methacrylate	ETM	14	N	C	III	V	.50-70(a)
Furfural	FFA	19	N	E	III	V	.55-1(h)
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III	V	.55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III		No
Isoprene	IPR	30	N	A	III		.50-70(a), .50-81(a), (b)
Methyl acrylate	MAM	14	N	C	III	V	.50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	C	III	V	No
2-Methyl-5-ethylpyridine	MEP	9	N	E	III	V	.55-1(e)



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 10556  
Official #: D1079981

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Shipyard: JEFFBOAT LLC  
Hull #:

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction
		Group No	Exc				
Methyl methacrylate	MMM	14	N	C	III	V	.50-70(a), .50-81(a), (b)
Mesityl oxide	MSO	18	Y	D	III	V	No
alpha-Methylstyrene	MSR	30	N	D	III	V	.50-70(a), .50-81(a), (b)
Coal tar naphtha solvent	NCT	33	N	D	III	V	.50-73
1- or 2-Nitropropane	NPM	42	N	D	III	V	.50-81
1,3-Pentadiene	PDE	30	N	A	III	V	.50-70(a), .50-81
Polyethylene polyamines	PEB	7	Y	E	III	V	.55-1(e)
Perchloroethylene	PER	36	N	NF	III		No
Pyridine	PRD	9	N	C	III	V	.55-1(e)
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	III		.50-73
Sodium hypochlorite solution (15% or less)	SHP	5	N		III		
Styrene	STY	30	N	D	III	V	.50-70(a), .50-81(a), (b)
1,2,4-Trichlorobenzene	TCB	36	N	E	III	V	No
Trichloroethylene	TCL	36	Y		III	V	No
1,1,2-Trichloroethane	TCM	36	N		III	V	.50-73, .56-1(a)
1,2,3-Trichloropropane	TCN	36	N	E	II	T	.50-73, .56-1(a)
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No
Triethylamine	TEN	7	N	C	II	T	.55-1(e)
Tetrahydrofuran	THF	41	N	C	III	V	.50-70(b)
Urea, Ammonium nitrate solution (containing more than 2% Ammonia)	UAS	6	N		III		.56-1(b)
Vinyl acetate	VAM	13	N	C	III		.50-70(a), .50-81(a), (b)

### 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 "I" 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-4438-SO

Barge Name K 10556

Work Order

## Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make: Kunkle Size: 4" x 4" Model #: 91K-M02

Serial #: 4438-1 Inlet: 4"250 Outlet: 4"125

Construction: Conventional RV Cap: Plain

Set Pressure: 125 psi pressure

Tag: Orifice: M

Work Required: Complete Overhaul Test Air

Condition Received: Good

### General Condition Pre-repair

Inlet	Dirty
Seats	Dirty
Guide	Dirty
Outlet	Dirty

Spring	Good Cond.	Installed Gaskets
Work	ST	
Repairs		

Parts replaced and other work:

## Final Test Report

Date 9/27/2019

Set Pressure 125 psi pressure

Nozzle Ring Setting N/A

Back Pressure 30 PSI

Tested By: *Eduardo A. Fey*

Witnessed/Assy: *John Re...*

U.S. Coast Guard Witness



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

LVT Sales Order LV-4438-SO

Barge Name K 10556

# Shop Order & Test Report

Customer: Kirby Inland Marine Order #

Make Pres Vac Size 3" Model # HS 2

Serial # 2293-1096 Inlet 3" 125 Outlet NA

Constrution: P/V Cap: N/A

Set Pressure: 1.5 psi pressure/ 0.5 psi vac

Tag: Orifice: N/A

Work Required: Complete Overhaul Test Air

Condition Received: Need Repair

## General Condition Pre-repair

Inlet	Dirty	Spring	N/A
Seats	Dirty	Work	ST
Guide	Dirty	Repairs	Lapped Seats Installed gaskets
Outlet	Dirty		

Parts replaced and other work:

## Final Test Report

Date 9/27/2019

Set Pressure 1.5 psi pressure/ 0.5 psi vac

Nozzle Ring Setting N/A

Back Pressure 30 PSI

Tested By: *Edmar de Aroniz* Witness/Assy By: *JOAN ROCHA*

U.S. Coast Guard Witness