



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

Certification Date: 06 Mar 2024  
Expiration Date: 06 Mar 2025

# 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 27713	1145584			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
ASHLAND CITY, TN  UNITED STATES	14Nov2003	08Sep2003	R-1632	R-1632		R-300.0

Owner	Operator
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 MARKET ST 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 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>L. L. Woodman</i> L. L. WOODMAN, CDR, 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 27713

(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 OCNI Houston-Galveston.

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Mar2034	06Mar2024	29Oct2013
Internal Structure	31Mar2029	06Mar2024	20Dec2018

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

Authorization: Authorization/ Grade A and Lower and specified hazardous cargoes.

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
28484	Barrels	A	Yes	No	No

### \*Hazardous Bulk Solids Authority\*

### \*Loading Constraints - Structural\*

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1S	812	8.9
1P	812	8.9
2S	810	8.9
2P	810	8.9
3S	750	8.9
3P	750	8.9

### \*Loading Constraints - Stability\*

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	3526	9ft 6in	8.9	
II	3526	9ft 6in	8.9	
III	4521	11ft 6in	8.9	
III	4521	11ft 6in	8.9	

### \*Conditions Of Carriage\*

Only Grade A and lower cargoes and specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #C1-0305818, dated August 04, 2003, 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 number from the "Compat Group No" column is listed in the vessel's CAA.

Vessels is not covered by a benzene monitoring program IAW 46 CFR 197, Subpart C. Vessel is not authorized to carry Benzene or Benzene containing cargoes with a Benzene concentration of 0.5% or more.

### \*Stability and Trim\*

Per 46 CFR 151.10(c) (2), the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.



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The maximum design density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 8.91 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

**\*Thermal Fluid Heater Restriction\***

Thermal fluid heater may only be operated when carrying Grade "E" cargoes.

Thermal fluid heater may only be operated when carrying Grade "E" cargoes. The vessel is inspected and approved for the carriage of Grade "E" combustible liquids when transported in molten form at elevated temperatures.

**--- Inspection Status ---**

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1S	29Oct2013	06Mar2024	31Mar2034	-	-	-
1P	29Oct2013	06Mar2024	31Mar2034	-	-	-
2S	29Oct2013	06Mar2024	31Mar2034	-	-	-
2P	29Oct2013	06Mar2024	31Mar2034	-	-	-
3S	29Oct2013	06Mar2024	31Mar2034	-	-	-
3P	29Oct2013	06Mar2024	31Mar2034	-	-	-

**Hydro Test**

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
1S	-	-	-	-
1P	-	-	-	-
2S	-	-	-	-
2P	-	-	-	-
3S	-	-	-	-
3P	-	-	-	-

**---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
3	40-B

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



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## Cargo Authority Attachment

Vessel Name: **KIRBY 27713**  
Official #: **1145584**

Shipyard: **Trinity Ashland City**  
Hull #: **4451**

### 46 CFR 151 Tank Group Characteristics

Tank Group Information		Cargo Identification			Hull Type	Cargo Seg Tank	Tanks			Cargo Transfer		Environmental Control		Fire Protection Provided	Special Requirements		Elec Haz	Temp
Tank Grp	Tanks in Group	Density	Press.	Temp.			Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space		General	Materials of Construction		
A	#1-#3 PS	8.91	Atmos.	Amb.	II	1II	Integral Gravity	PV	Restr.	II	G-1	NR	NA	Portable	.50-81(a), .50-81(b), .50-86,	55-1(h), (j), 56-1(a), (c), (d), (e), (f), (g),	NR	No

- Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.  
2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied.  
3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.

### List of Authorized Cargoes

Cargo Identification							Conditions of Carriage				
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mats of Construction		
							App'd (Y or N)	VCS Category			

#### Authorized Subchapter O Cargoes

Acetonitrile	ATN	37	O	C	III	A	No	N/A	No
Adiponitrile	ADN	37	O	E	II	A	No	N/A	No
Alkyl(C7-C9) nitrates	AKN	34 <sup>2</sup>	O	NA	III	A	No	N/A	.50-81, .50-86
Butyl acrylate (all isomers)	BAR	14	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Butyl methacrylate	BMH	14	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Butyraldehyde (all isomers)	BAE	19	O	C	III	A	No	N/A	.55-1(h)
Camphor oil (light)	CPC	18	O	D	II	A	No	N/A	No
Chemical Oil (refined, containing phenolics)	COD	21	O	E	II	A	No	N/A	.50-73
Coal tar naphtha solvent	NCT	33	O	D	III	A	No	N/A	.50-73
Creosote	CCW	21 <sup>2</sup>	O	E	III	A	No	N/A	No
Cresols (all isomers)	CRS	21	O	E	III	A	No	N/A	No
Crotonaldehyde	CTA	19 <sup>2</sup>	O	C	II	A	No	N/A	.55-1(h)
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG		O		III	A	No	N/A	No
Ethyl acrylate	EAC	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Ethylene cyanohydrin	ETC	20	O	E	III	A	No	N/A	No
Ethylene glycol hexyl ether	EGH	40	O	E	III	A	No	N/A	No
Ethylene glycol monoalkyl ethers	EGC	40	O	D/E	III	A	No	N/A	No
Ethylene glycol propyl ether	EGP	40	O	E	III	A	No	N/A	No
2-Ethylhexyl acrylate	EAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Ethyl methacrylate	ETM	14	O	D/E	III	A	No	N/A	.50-70(a)
2-Ethyl-3-propylacrolein	EPA	19 <sup>2</sup>	O	E	III	A	No	N/A	No
Hydrocarbon 5-9	HFN		O		III	A	No	N/A	.50-70(a), .50-81(a), (b)
Isoprene	IPR	30	O	A	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Mesityl oxide	MSO	18 <sup>2</sup>	O	D	III	A	No	N/A	No
Methyl acrylate	MAM	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	O	C	III	A	No	N/A	No
Methyl methacrylate	MMM	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
alpha-Methylstyrene	MSR	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
1- or 2-Nitropropane	NPM	42	O	D	III	A	No	N/A	.50-81
1,3-Pentadiene	PDE	30	O	A	III	A	No	N/A	.50-70(a), .50-81
Styrene (crude)	STX		O	D	III	A	No	N/A	No
Styrene monomer	STY	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Tetrahydrofuran	THF	41	O	C	III	A	No	N/A	.50-70(b)
Trisodium phosphate solution	TSP	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c)
Vinyl acetate	VAM	13	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)

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## Cargo Authority Attachment

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 Official #: 1145584

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Shipyard: Trinity Ashland City  
 Hull #: 4451

Cargo Identification						Conditions of Carriage			
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Vapor Recovery		Special Requirements In 48 CFR 151 General and Mats of Construction	
						Tank Group	App'd (Y or N)		VCS Category
Vinyl neodecanate	VND	13	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)

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