



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

Certification Date: 24 May 2021  
Expiration Date: 24 May 2022

# 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 17001B	1036486			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON TX	29Jun1995		R-966	R-966		R-177.5
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 plus Limited Coastwise---**

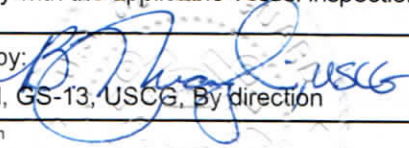
Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

This vessel has been granted a fresh water service examination interval in accordance with 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 & Ninth Coast Guard District's Tank Barge Streamlined Inspection

**\*\*\*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:  <b>B. T. INAGAKI, GS-13, USCG, By direction</b> 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 17001B

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.

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	29Mar2026	29Mar2016	06Feb2006
Internal Structure	31Mar2026	24May2021	29Mar2016

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

Authorization: FLAMMABLE, COMBUSTIBLE AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
17745	Barrels	A	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)
3 P/S	311	15.000
1 P/S	622	15.000
2 P/S	622	15.000

### \*Loading Constraints - Stability\*

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	2441	10ft 0in	13.6	R, LBS, & LC 0-12
III	2964	11ft 9in	13.6	R, LBS, & LC 0-12
II	2441	10ft 0in	13.6	
III	2964	11ft 9in	13.6	

### \*Conditions Of Carriage\*

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment(CAA), serial #VN95013189, dated 03JAN01, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

### \*Vapor Control Authorization\*

Per 46 CFR, Part 39, excluding Part 39.4000, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter serial #C2-9502616 dated 25JUN95, and found acceptable for collection of bulk liquid cargo vapors from those specific Subchapter "D" cargoes contained in the that letter, and those specified hazardous cargoes annotated a "V" or "T" in the CAA.

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 39.2009. A high level and overfill alarm is required by 46 CFR 39.2007.

### \*Stability and Trim\*

Per 46 CFR 151.10-15(C)(2) the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft



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Vessel Name: KIRBY 17001B

allowed. When carrying subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
3 P/S	04Apr2011	29Mar2016	29Mar2026	-	-	-
1 P/S	04Apr2011	29Mar2016	29Mar2026	-	-	-
2 P/S	04Apr2011	29Mar2016	29Mar2026	-	-	-

#### Hydro Test

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

### ---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	B-II

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



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **KIRBY 17001B**  
Official #: **D1036486**

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Shipyard: **NEWPARK SHIPBUILDI**  
Hull #: **9804**

### 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					
Acetic acid	AAC	4	Y	D	III	V	.50-73, .55-1(g)	
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .56-1(a), (b), (c)	
Acetic anhydride	ACA	11	N	D	III	V	.50-73, .55-1(g)	
Acrylonitrile	ACN	15	Y	C	II	T	.50-70(a), .55-1(e)	
Adiponitrile	ADN	37	N	E	II	V	No	
Aminoethylethanolamine	AEE	8	N	E	III	V	.55-1(b)	
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No	
Alkyl(C7-C9) nitrates	AKN	34	Y		III	V	.50-81, .50-86	
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		.56-1(a), (b), (c), (f), (g)	
Acetonitrile	ATN	37	N	C	III	T	No	
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	.56-1(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	32	Y		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	.50-80	
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BTX	32	N	B/C	III	V	.50-80	
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	
Cyclohexylamine	CHA	7	N	D	III	V	.56-1(a), (b), (c), (g)	
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG	0	N	C	III		No	
Camphor oil (light)	CPO	18	N	D	II		No	
Caustic potash solution	CPS	5	Y		III		.50-73, .55-1(j)	
Chlorobenzene	CRB	36	N	D	III	V	No	
Chloroform	CRF	36	N	E	III		No	
Cresols (all isomers)	CRS	21	N	E	III	V	No	
Cresylic acid tar	CRX	21	N		III	V	.55-1(f)	
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III	V	.50-60, .56-1(b)	
Cresylate spent caustic	CSC	5	N		III		.50-73, .55-1(b)	
Caustic soda solution	CSS	5	Y		III		.50-73, .55-1(j)	
Crotonaldehyde	CTA	19	Y	C	II	T	.55-1(h)	
N,N-Dimethylacetamide	DAC	10	N	E	III	T	.56-1(b)	
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	0	Y		III		.56-1(a), (b), (c), (g)	
Diisobutylamine	DBU	7	N	D	III	T	.56-1(c)	
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	
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	DDA	0	Y	NF	III		.55-1(b)	
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	N		III		.56-1(a), (b), (c), (g)	
Diethanolamine	DEA	8	N	E	III	V	.55-1(c)	
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	.55-1(f)	
Diethylamine	DEN	7	N	C	III	T	.55-1(e)	
Diethylenetriamine	DET	7	Y	E	III	V	.55-1(c)	
Diisopropylamine	DIA	7	N	C	II	T	.55-1(c)	
Diisopropanolamine	DIP	8	N	E	III	V	.55-1(c)	
Dimethylethanolamine	DMB	8	N	D	III	V	.56-1(b), (c)	
Dimethylformamide	DMF	10	N	D	III	V	.55-1(e)	



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 17001B  
Official #: D1036486

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Shipyard: NEWPARK SHI  
Hull #: 9804

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				
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Di-n-propylamine	DNA	7	N	C	II	T	.55-1(c)
Dodecylidimethylamine, Tetradecylidimethylamine 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
2,4-Dichlorophenoxyacetic acid, trisopropanolaminesalt solution	DTI	43	Y		III		.56-1(a), (b), (c), (g)
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)
Ethylamine solution (72% or less)	EAN	7	N	A	II	T	.55-1(b)
N-Ethylbutylamine	EBA	7	N	C	III	T	.55-1(b)
N-Ethylcyclohexylamine	ECC	7	N	D	III	V	.55-1(b)
Ethylenediamine	EDA	7	Y	D	III	V	.55-1(c)
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III	V	No
Ethylene glycol propyl ether	EGP	40	N	E	III		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)
Formic acid	FMA	4	Y	E	III	V	50-73, .55-1(i)
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	T	No
Hexamethylenediamine solution	HMC	7	N	E	III	V	.55-1(c)
Hexamethylenimine	HMI	7	N	C	II	V	.56-1(b), (c)
Isodecyl acrylate	IAI	14	N	E	III		50-70(a), .50-81(a), (b), .55-1(c)
Isoprene, Pentadiene mixture	IPN	30	N	A	III		50-70(a), .55-1(c)
Iso-Propylamine	IPP	7	N	A	II		.55-1(c)
Isoprene	IPR	30	N	A	III		50-70(a), .50-81(a), (b)
Kraft pulping liquors (free alkali content 3% or more)	KPL	5	N		III		50-73, .56-1(e), (c), (g)
Methyl acrylate	MAM	14	N	C	III	V	50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	C	III	V	No
Methyl diethanolamine	MDE	8	N	E	III	V	.56-1(b), (c)
Ethanolamine	MEA	8	N	E	III	V	.55-1(c)
2-Methyl-5-ethylpyridine	MEP	9	N	E	III	V	.55-1(e)
Methyl methacrylate	MMM	14	N	C	III	V	50-70(a), .50-81(a), (b)
iso-Propanolamine	MPA	8	N	E	III	V	.56-1(c)
Morpholine	MPL	7	Y	D	III	V	.56-1(c)
2-Methylpyridine	MPR	9	N	D	III	T	.55-1(c)
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
Propanolamine (iso-, n-)	PAX	8	N	E	III	V	.56-1(b), (c)
Pentachloroethane	PCE	36	N		III		No
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
Propionic acid	PNA	4	N	D	III	V	50-73, .55-1(g)



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **KIRBY 17001B**  
Official #: D1036486

Shipyard: NEWPARK SHI  
Hull #: 9804

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					
Pyridine	PRD	9	N	C	III	V	55-1(e)	
Salicylaldehyde	SAL	19	N	E				
Sodium aluminate solution (45% or less)	SAU	5	N		III		50-73, 56-1(a), (b), (c)	
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	III		50-73	
Sodium hypochlorite solution (20% or less)	SHQ	5	N	NF	III		50-73, 56-1(a), (b)	
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	Y		III		50-73, 55-1(b)	
Sodium sulfide, hydrosulfide solution (H2S greater than 15 ppm but less than 200 ppm)	SSI	0	Y		III		50-73, 55-1(b)	
Sodium sulfide, hydrosulfide solution (H2S greater than 200 ppm)	SSJ	0	Y		II		50-73, 55-1(b)	
Styrene (crude)	STX	30	N	C	III	V	No	
Styrene monomer	STY	30	N	D	III	V	50-70(a), 50-81(a), (b)	
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)	
Triethanolamine	TEA	8	Y	E	III	V	55-1(b)	
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No	
Triethylamine	TEN	7	N	C	II	T	55-1(e)	
Triethylenetetramine	TET	7	Y	E	III	V	55-1(b)	
Tetrahydrofuran	THF	41	N	C	III	V	50-70(b)	
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		56-1(a), (b), (c)	
Tetraethylenepentamine	TTP	7	N	E	III	V	55-1(c)	
Urea, Ammonium nitrate solution (containing more than 2% Ammonia)	UAS	6	N		III		56-1(b)	
Vinyl acetate	VAM	13	N	C	III	V	50-70(a), 50-81(a), (b)	
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		50-73, 56-1(a), (c), (g)	
Vinyltoluene	VNT	13	N	D	III	V	50-70(a), 50-81, 56-1(a), (b), (c), (g)	

### 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.