



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

Certification Date:	21 Aug 2024
Expiration Date:	21 Aug 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 24004	1034020			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HOUSTON, TX	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GULFPORT, MS	30Oct1995	10Jul1995	R-1442	R-1442		R-265.0
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---**

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 six (6) months in any twelve (12) month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) and the cognizant OCMI must be notified in writing as soon as this change in status occurs

**\*\*\*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 24004

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.

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

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Aug2034	21Aug2024	09Jun2014
Internal Structure	31Aug2029	21Aug2024	20Jun2019

**--- 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
24200	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 P/S & 2 P/S	686	13.600
3 P/S	701	13.600

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	3320	9ft 7in	13.60	LBS
III	3947	11ft 0in	13.60	LBS
II	3320	9ft 7in	13.60	R
III	3947	11ft 0in	13.60	R

**\*Conditions Of Carriage\***

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # C1-1204130, dated 21SEP12 may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

**\*Compatibility\***

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.

**\*Benzene Program\***

When the vessel is carrying cargoes containing 0.5% or greater benzene by volume, 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 39.4000, this vessel's vapor control system (VCS) has been inspected to the plans approved by Marine Safety Center letter serial #VN95009067 DATED 30NOV00, 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.



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Vessel Name: KIRBY 24004

The letter "V" in the note column signifies approved for vapor control with no additional requirements.

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

**\*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.

The maximum design density of cargo which may be filled to the tank top is 8.7 lbs/gal. Cargoes with higher densities, up to 13.6 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

**\*Tandem Loading\***

Per 46 CFR 39.1017 and 39.5000(e), this vessel's VCS has been evaluated and approved for multi-breasted tandem loading with other vessels specifically approved to tandem load with this vessel.

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

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 P/S & 2 P/S	09Jun2014	21Aug2024	31Aug2034	-	-	-
3 P/S	09Jun2014	21Aug2024	31Aug2034	-	-	-

**Hydro Test**

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

**---Lifesaving Equipment---**

Total Equipment for 0 Persons

Primary Lifesaving Equipment	Quantity	Capacity	Required
Lifeboats (Total)	0	0	Life Preservers (Adult) 0
Lifeboats (Port)	0	0	Life Preservers (Child) 0
Lifeboats (Starboard)	0	0	Ring Buoys (Total) 0
Motor Lifeboats	0	0	With Lights 0
Lifeboats With Radio	0	0	With Line Attached 0
Rescue Boats/Platforms	0	0	Other 0
Inflatable Rafts	0	0	Immersion Suits 0
Life Floats/Buoyant App	0	0	Portable Lifeboat Radios 0
Inflatable Buoyant Apparatus (IBA)	0	0	Equipped With EPIRB? NO

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**



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Vessel Name: KIRBY 24004

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

Quantity	Class Type
2	40-B

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



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 24004  
Official #: D1034020

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Shipyard: TRINITY MARINE GRO  
Hull #: 1483

### 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's of Construction
		Group No	Exc				
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .55-1(a), (b), (c)
Acrylonitrile	ACN	15	Y	C	II	T	.50-70(a), .55-1(e)
Adiponitrile	ADN	37	N	E	II		No
Aminoethylethanolamine	AEE	8	N	E	III		.55-1(b)
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No
Alkyl(C7-C9) nitrates	AKN	34	Y		III		.50-81, .50-86
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		.55-1(a), (b), (c), (f), (g)
Acetonitrile	ATN	37	N	C	III	T	No
Butyraldehyde (all isomers)	BAE	19	N	C	III		.55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	III	V	.50-70(a), .50-81(a), (b)
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		.55-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III		No
Cyclohexylamine	CHA	7	N	D	III		.55-1(a), (b), (c), (g)
Crude hydrocarbon feedstock (containing Butyraldehyde 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		No
Chloroform	CRF	36	N	E	III		No
Cresols (all isomers)	CRS	21	N	E	III		No
Cresylic acid tar	CRX	21	N		III		.55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	III		.50-60, .55-1(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	.55-1(b)
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	0	Y		III		.55-1(a), (b), (c), (g)
Diisobutylamine	DBU	7	N	D	III		.55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	.55-1(a), (b)
1,1-Dichloroethane	DCH	36	N	C	III		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		.55-1(a), (b), (c), (g)
Diethanolamine	DEA	8	N	E	III		.55-1(c)
2,2'-Dichloroethyl ether	DEE	41	N	D	II		.55-1(f)
Diethylamine	DEN	7	N	C	III		.55-1(c)
Diethylenetriamine	DET	7	Y	E	III		.55-1(c)
Diisopropylamine	DIA	7	N	C	II	T	.55-1(c)
Diisopropanolamine	DIP	8	N	E	III		.55-1(c)
Dimethylethanolamine	DMB	8	N	D	III		.55-1(b), (c)
Dimethylformamide	DMF	10	N	D	III		.55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II		No
Di-n-propylamine	DNA	7	N	C	II	V	.55-1(c)
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III		.55-1(b)

\*\*\* This document is only valid when attached to, and referenced by a current, valid Certificate of Inspection. \*\*\*



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 24004  
Official #: D1034020

Shipyard: TRINITY MARI  
Hull #: 1483

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					
1,1-Dichloropropane	DPB	36	N	C	III		No	
1,3-Dichloropropane	DPC	36	N	C	III		No	
1,2-Dichloropropane	DPP	36	N	C	III		No	
1,3-Dichloropropene	DPU	15	N	D	II		No	
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt 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		.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		.55-1(b)	
Ethylenediamine	EDA	7	Y	D	III		.55-1(c)	
Ethylene dichloride	EDC	36	Y	C	III		No	
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III		No	
Ethylene glycol propyl ether	EGP	40	N	E	III		No	
2-Ethyl-3-propylacrolein	EPA	19	Y	E	III		No	
Ethylene cyanohydrin	ETC	20	N	E	III		No	
Ethyl methacrylate	ETM	14	N	C	III	V	.50-70(a)	
Furfural	FFA	19	N	E	III		.55-1(h)	
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III		.55-1(h)	
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III		No	
Hydrocarbon 5-9	HFN	30	N	A	III		.50-70(a), .50-81(a), (b)	
Hexamethylenediamine solution	HMC	7	N	E	III		.55-1(c)	
Hexamethyleneimine	HMI	7	N	C	II		.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, .55-1(a), (c), (g)	
Methyl acrylate	MAM	14	N	C	III	V	.50-70(a), .50-81(a), (b)	
Methylcyclopentadiene dimer	MCK	30	N	C	III		No	
Methyl diethanolamine	MDE	8	N	E	III		.56-1(b), (c)	
Ethanolamine	MEA	8	N	E	III		.55-1(c)	
2-Methyl-5-ethylpyridine	MEP	9	N	E	III		.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		.55-1(c)	
Morpholine	MPL	7	Y	D	III		.55-1(c)	
2-Methylpyridine	MPR	9	N	D	III	T	.55-1(e)	
Mesityl oxide	MSO	18	Y	D	III		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		.50-73	
1- or 2-Nitropropane	NPM	42	N	D	III		.50-81	
Propanolamine (iso-, n-)	PAX	8	N	E	III		.56-1(b), (c)	
1,3-Pentadiene	PDE	30	N	A	III		.50-70(a), .50-81	
Polyethylene polyamines	PEB	7	Y	E	III		.55-1(e)	
Perchloroethylene	PER	36	N	NF	III		No	
Pyridine	PRD	9	N	C	III	V	.55-1(e)	
Sodium aluminate solution (45% or less)	SAU	5	N		III		.50-73, .55-1(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)	



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **KIRBY 24004**

Shipyard: **TRINITY MARI**

Official #: **D1034020**

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Hull #: **1483**

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				
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		.50-70(a), .50-81(a), (b)
Trichloroethylene	TCL	36	Y		III		No
1,1,2-Trichloroethane	TCM	36	N		III		.50-73, .56-1(a)
1,2,3-Trichloropropane	TCN	36	N	E	II		.50-73, .56-1(a)
Triethanolamine	TEA	8	Y	E	III		.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		.55-1(b)
Tetrahydrofuran	THF	41	N	C	III		.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		.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, .55-1(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.
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