



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

Certification Date: 27 Jun 2019
Expiration Date: 27 Jun 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 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						10

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---

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 New Orleans, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Sector New Orleans 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>M. Ali Cochrane</i> M.N. COCHRAN COMMANDER, by direction
Date	Zone	A/P/R	Signature	
4-2-2020	NR 7651P	A	Roderick Hebert	Officer in Charge, Marine Inspection Sector New Orleans
5-7-2021	Baton Rouge	P	Roderick Hebert	
4-25-22	Houston Tx	A	Randy Nelson	
5-9-23	BTR, LA	A	Daylan LaCast	
Inspection Zone				



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	09Jun2024	09Jun2014	29Dec2009
Internal Structure	30Jun2024	20Jun2019	09Jun2014

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

Authorization: Grade "A" and lower & 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 cargoes named in the vessel's Cargo Authority Attachment, serial # VN95009067 dated 30NOV00, Grade "A" and lower may be carried.

Per 46CFR 150.130, the Person in Charge of the vessel is responsible for ensuring that 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 compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

Benzene Control

When the vessel is carrying cargoes containing greater than 0.5% benzene, the Person In Charge is responsible for ensuring the provisions of 46CFR197, Subpart C are applied.

Vapor Control Authorization

This vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter serial #C2-9503590 DATED 21SEP95, and found acceptable for collection of the Subchapter "D" cargoes in that letter and those specified hazardous cargoes annotated with a "V" or "T" in the referenced CAA.

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



Certificate of Inspection

Vessel Name: KIRBY 24004

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

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.

Tandem Loading

In accordance with 46 CFR Part 39.1017 and 39.5001(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	29Dec2009	09Jun2014	09Jun2024	-	-	-
3 P/S	29Dec2009	09Jun2014	09Jun2024	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 P/S & 2 P/S	-	-	-	-
3 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 24004**

Official #: **D1034020**

Page 1 of 3

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'ls of Construction
		Group No	Exc				
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .56-1(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		.56-1(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		.56-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III		No
Cyclohexylamine	CHA	7	N	D	III		.56-1(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, .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		.55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	.56-1(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		.56-1(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		.56-1(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		.56-1(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, 56-1(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(c)	
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, 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)	



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **KIRBY 24004**

Shipyard: **TRINITY MARI**

Official #: **D1034020**

Page 3 of 3

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					
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, .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.