



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

Certification Date: 16 Dec 2021
Expiration Date: 16 Dec 2026

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 11509	962025			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
WILMINGTON, DE	Steel		None
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
CARUTHERSVILLE, MO	24Jul1990	19Jun1990	R-766	R-500		R-200.0
UNITED STATES						140

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 Carabelle, 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 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 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: J. H. HART COMMANDER, by direction
Date	Zone	A/P/R	Signature	
12-1-2022	6TR-1A TBS10	A	Daniel Landry	Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
1-2-2024	Chicago	A	Ken Butcher	
10-10-24	Houston TX	P	Randy Alderson	



Certificate of Inspection

Vessel Name: KIRBY 11509

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	30Jun2031	18Nov2021	30Jun2011
Internal Structure	31Aug2026	18Nov2021	19Aug2016

--- 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
11054	Barrels	A	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 C/L	599	13.50
2 C/L	622	13.50
3 C/L	680	13.50

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1769	9ft 2in	13.50	LBS
III	1703	10ft 0in	13.50	LBS
III	1811	10ft 6in	8.70	LBS
II	1769	9ft 2in	13.50	R
III	1703	10ft 0in	13.50	R
III	1811	10ft 6in	8.70	R

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN90004298, dated 04MAY01, and Grade "A" and lower cargoes may be carried.

Per 46 CFR 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.

When the vessel is carrying cargoes containing greater than 0.5% Benzene, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C are applied.

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.



Certificate of Inspection

Vessel Name: KIRBY 11509

Vapor Control Authorization

This vessel has been inspected to the plans approved by Marine Safety Center letter Serial #M-20581 dated 24AUG92 and found acceptable for the collection of cargo vapors and to service as a service vessel using vapor balancing in a lightering or topping-off operation with an inerted (or non-inerted) tank vessel in accordance with 46 CFR Part 39.

This vessel's vapor control system (VCS) has been inspected to the plans approved by the Marine Safety Center letters serial #M-20581 dated 24AUG92 and the list of authorized cargoes on the CAA, Serial #VN90004298 dated 04MAY01 and found acceptable for the collection of cargo vapors from those specific subchapter "D" cargoes contained in those letters and those specified hazardous cargoes annotated with either "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.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	30Jun2011	18Nov2021	30Jun2031	-	-	-
2 C/L	30Jun2011	18Nov2021	30Jun2031	-	-	-
3 C/L	30Jun2011	18Nov2021	30Jun2031	-	-	-

Hydro Test

Tank Id	Safety Valves	
	Previous	Last
1 C/L	-	-
2 C/L	-	-
3 C/L	-	-

---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 11509**
Official #: D962025

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Shipyard: CARUTHERSVILLE SHI
Hull #: 5407

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					
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			50-70(a), 50-81(a), (b)	
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BHA	32	Y	III			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			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	
Camphor oil (light)	CPO	18	N D	II			No	
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			55-1(f)	
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N D	III			50-60, 56-1(b)	
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			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			55-1(f)	
Dimethylformamide	DMF	10	N D	III	V		55-1(e)	
Dichloropropene, Dichloropropane mixtures	DMX	15	N	II			No	
Dodecyldimethylamine, Tetradecyldimethylamine 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	
1,1-, 1,2-, or 1,3-Dichloropropene	DPS	15	N					
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)	
Ethylene dichloride	EDC	36	Y C	III	V		No	
Ethylene glycol propyl ether	EGP	40	N E	III	V		No	
2-Ethyl-3-propylacrolein	EPA	19	Y E	III			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			55-1(h)	
Formaldehyde solution (37% to 50%)	FMS	19	Y D/E	III	V		55-1(h)	
Gasoline: Pyrolysis (greater than 5% Benzene)	GPY	33	N	III				
Glutaraldehyde solution (50% or less)	GTA	19	N NF	III	V		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			No	



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **KIRBY 11509**
Official #: D962025

Shipyard: CARUTHERSVI
Hull #: 5407

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					
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)	
Mesityl oxide	MSO	18	Y D	III	V		No	
alpha-Methylstyrene	MSR	30	N D	III			.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	V		.50-81	
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 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)	
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			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	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			.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)	

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.