



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

Certification Date: 24 Sep 2024
Expiration Date: 24 Sep 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 10378	1079982			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
JEFFERSONVILLE, IN	14Jun1999	11Apr1999	R-716	R-716		R-195.0
UNITED STATES			-	-		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 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: D. VELEZ COMMANDER , By direction Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: KIRBY 10378

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	20Aug2024	09Sep2014
Internal Structure	03Sep2029	03Sep2024	03Oct2019

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

Authorization: GRADE "A" AND LOWER AND SPECIFIED HAZARDOUS CARGOES ONLY

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10667	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)
1 Centerline	595	13.600
2 Centerline	607	13.600
3 Centerline	607	13.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1723	10ft 4in	13.60	LBS
II	1495	9ft 3in	13.60	LBS
II	1495	9ft 3in	13.60	R
III	1723	10ft 4in	13.60	R

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #VN99005287, dated 23MAY01, and Grade "A" and lower cargoes may be carried, and then only in the tanks indicated.

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

VAPOR CONTROL AUTHORIZATION

This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letter serial #C2-0100997 dated 28MAR01, and found acceptable for the collection of cargo vapors from those specific subchapter "D" cargoes contained in that letter, and those specified hazardous cargoes annotated with either "V" or "T" in the CAA.



Temporary Certificate of Inspection

Vessel Name: KIRBY 10378

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 Centerline	09Sep2014	03Sep2024	03Sep2034	-	-	-
2 Centerline	09Sep2014	03Sep2024	03Sep2034	-	-	-
3 Centerline	09Sep2014	03Sep2024	03Sep2034	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 Centerline	-	-	-	-
2 Centerline	-	-	-	-
3 Centerline	-	-	-	-

---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	40-B

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **S/R 108**
Official #: D1079982

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Shipyard: JEFFBOAT LLC
Hull #:

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					
Authorized Subchapter O Cargoes								
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III			50-73, 56-1(a), (b), (c)
Acrylonitrile	ACN	15	Y	C	II	V		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		55-1(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				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		50-60
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
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	V		No
Camphor oil	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	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		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 saltsolution	DAD	0	Y		III			56-1(a), (b), (c), (g)
Diisobutylamine	DBU	7	N	D	III	T		55-1(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 saltsolution (70% or less)	DDA	0	Y	NF	III	V		55-1(b)
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	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(c)
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)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V		No
Di-n-propylamine	DNA	7	N	C	II	T		55-1(c)
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III			56-1(b)

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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **S/R 108**
Official #: **D1079982**

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Shipyard: **JEFFBOAT LLC**
Hull #:

Cargo Identification							Conditions of Carriage	
Name	Chem Code	Compat			Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction	
		Group No	Exc	Grade				
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	
1,2-Dichloropropane	DPU	15	N	D	II	T	No	
1,3-Dichloropropene	DTI	43	Y		III		.56-1(a), (b), (c), (g)	
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	EAC	14	N	C	III	V	.50-70(a), .50-81(a), (b)	
Ethyl acrylate	EAI	14	N	E	III	V	.50-70(a), .50-81(a), (b)	
2-Ethylhexyl acrylate	EAN	7	N	A	II	T	.55-1(b)	
Ethylamine solution (72% or less)	EBA	7	N	C	III	T	.55-1(b)	
N-Ethylbutylamine	ECC	7	N	D	III	V	.55-1(b)	
N-Ethylcyclohexylamine	EDA	7	Y	D	III	V	.55-1(c)	
Ethylenediamine	EDC	36	Y	C	III	V	No	
Ethylene dichloride	EGC	40	N	D/E	III	V	No	
Ethylene glycol monoalkyl ethers	EGH	40	N	E	III		No	
Ethylene glycol hexyl ether	EGP	40	N	E	III	V	No	
Ethylene glycol propyl ether	EPA	19	Y	E	III	V	No	
2-Ethyl-3-propylacrolein	ETC	20	N	E	III	V	No	
Ethylene cyanohydrin	ETM	14	N	C	III	V	.50-70(a)	
Ethyl methacrylate	FFA	19	N	E	III	V	.55-1(h)	
Furfural	FMS	19	Y	D/E	III	V	.55-1(h)	
Formaldehyde solution (37% to 50%)	GTA	19	N	NF	III		No	
Glutaraldehyde solution (50% or less)	GFN	30	N	A	III	V	.50-70(a), .50-81(a), (b)	
Hydrocarbon 5-9	HMC	7	N	E	III	V	.55-1(c)	
Hexamethylenediamine solution	HMI	7	N	C	II	V	.56-1(b), (c)	
Hexamethyleneimine	IAI	14	N	E	III	V	.50-70(a), .50-81(a), (b), .55-1(c)	
Isodecyl acrylate	IPN	30	N	A	III		.50-70(a), .55-1(c)	
Isoprene, Pentadiene mixture	IPP	7	N	A	II	V	.55-1(c)	
iso-Propylamine	IPR	30	N	A	III	V	.50-70(a), .50-81(a), (b)	
Isoprene	KPL	5	N		III		.50-73, .56-1(a), (c), (g)	
Kraft pulping liquors (free alkali content 3% or more)	MAM	14	N	C	III	V	.50-70(a), .50-81(a), (b)	
Methyl acrylate	MCK	30	N	C	III	V	No	
Methylcyclopentadiene dimer	MDE	8	N	E	III	V	.56-1(b), (c)	
Methyl diethanolamine	MEA	8	N	E	III	V	.55-1(e)	
Ethanolamine	MEP	9	N	E	III	V	.55-1(e)	
2-Methyl-5-ethylpyridine	MMM	14	N	C	III	V	.50-70(a), .50-81(a), (b)	
Methyl methacrylate	MPA	8	N	E	III	V	.55-1(c)	
iso-Propanolamine	MPL	7	Y	D	III	V	.55-1(c)	
Morpholine	MPR	9	N	D	III	T	.55-1(c)	
2-Methylpyridine	MSO	18	Y	D	III	V	No	
Mesityl oxide	MSR	30	N	D	III	V	.50-70(a), .50-81(a), (b)	
alpha-Methylstyrene	NCT	33	N	D	III		.50-73	
Coal tar naphtha solvent	NPM	42	N	D	III	V	.50-81	
1- or 2-Nitropropane	PAX	8	N	E	III	V	.56-1(b), (c)	
Propanolamine (iso-, n-)	PDE	30	N	A	III	V	.50-70(a), .50-81	
1,3-Pentadiene	PEB	7	Y	E	III	V	.55-1(e)	
Polyethylene polyamines	PER	36	N	NF	III		No	
Perchloroethylene	PRD	9	N	C	III	V	.55-1(e)	
Pyridine	SAU	5	N		III		.50-73, .56-1(a), (b), (c)	
Sodium aluminate solution (45% or less)	SDD	0	Y	NF	III		.50-73	
Sodium chlorate solution (50% or less)	SHP	5	N		III			
Sodium hypochlorite solution (15% or less)	SSH	0	Y		III		.50-73, .55-1(b)	
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)								

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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: S/R 108
Official #: D1079982

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Shipyard: JEFFBOAT LLC
Hull #:

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					
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	STY	30	N	D	III	V	.50-70(a), .50-81(a), (b)	
1,2,4-Trichlorobenzene	TCB	36	N	E	III		No	
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(a)	
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)	
Trisodium phosphate solution	TSP	5	N	NF	III		.50-73, .56-1(a), (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.