



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

Certification Date: 15 Apr 2020  
Expiration Date: 15 Apr 2025

# 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 10381	1088428			Tank Barge

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

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
JEFFERSONVILLE, IN	13Jan2000	22Nov1999	R-716	R-716		R-195.0 10

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---

This vessel has been granted a fresh water service examination interval per 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 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.

\*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Houston, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Houston-Galveston 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: Nicole D. Rodriguez CDR, USCG, By Direction
Date	Zone	A/P/R	Signature	
4/14/21	HOU	A	Taylor Brooks	Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
3-3-22	HOUSTON	P	JAKE FRANCIS	
3-24-2023	Freeport Tx	A	Michael W. Johnson Jr	
3/11/24	Hou	A	Andrew Mahoney	



# Certificate of Inspection

Vessel Name: KIRBY 10381

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Apr2030	15Apr2020	13Jan2000
Internal Structure	30Apr2025	15Apr2020	05Mar2010

### --- 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
10667	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	595	13.600
2	607	13.600
3	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	RIVERS, LAKES, BAYS & SOUNDS
II	1495	9ft 3in	13.60	RIVERS, LAKES, BAYS & SOUNDS
II	1495	9ft 3in	13.60	
III	1723	10ft 4in	13.60	

#### \*Conditions Of Carriage\*

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN99017355, dated 13 January 2000, and Grade "A" and lower cargoes may be carried.

#### \*Vapor Control Authorization\*

This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letters serial #C1-9905158 dated 09SEP99 and #C2-0100997 dated 28MAR01, and found acceptable for the collection of cargo vapors from those specific Subchapter "D" cargoes authorized in those letters, and those specific hazardous cargoes annotated with either "V" or "T" in the Cargo Authority Attachment.

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 39.20-9. A high level and overfill alarm is required by 46 CFR 39.20-7.

#### \*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 10381

### --- Inspection Status ---

#### \*Cargo Tanks\*

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1	01Apr2010	15Apr2020	30Apr2030	-	-	-
2	01Apr2010	15Apr2020	30Apr2030	-	-	-
3	01Apr2010	15Apr2020	30Apr2030	-	-	-
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
1	-	-	-	-	-	
2	-	-	-	-	-	
3	-	-	-	-	-	

### ---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: KIRBY 10381  
Official #: 1088428

Page 1 of 3

Shipyard: JEFFBOAT LLC  
Hull #:

### List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Parts 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	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		.50-61, .50-66
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	V	.55-1(f)
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, .55-1(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	.55-1(a), (b)
Creosote (all isomers)	CCW	21	Y	E	III	V	No
Cyclohexylamine	CHA	7	N	D	III	V	.55-1(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, .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(f)
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	T	.55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	.55-1(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		.55-1(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(e)
Diisopropylamine	DIA	7	N	C	II	T	.55-1(e)
Diisopropanolamine	DIP	8	N	E	III	V	.55-1(c)
Dimethylethanolamine	DMB	8	N	D	III	V	.55-1(b), (e)
Dimethylformamide	DMF	10	N	D	III	V	.55-1(a)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Di-n-propylamine	DNA	7	N	C	II	T	.55-1(c)

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



Department of Homeland Security  
United States Coast Guard

Serial #: VN99017355  
COI Ref: 13-Jan-00

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 10381  
Official #: 1088428

Page 2 of 3

Shipyard: JEFFBOAT LL  
Hull #:

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Hull Type	Note	Special Requirements in 48 CFR 151 General and Matrix of Construction	
		Group No	Exc				
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N E	III		.55-1(c)	
1,1-Dichloropropane	DPB	38	N C	III	T	No	
1,3-Dichloropropane	DPC	38	N C	III	T	No	
1,2-Dichloropropane	DPP	38	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		.55-1(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	38	Y C	III	V	No	
Ethylene glycol monoalkyl ethers	EGC	40	N D/E	III	V	No	
Ethylene glycol hexyl ether	EGH	40	N E	III		No	
Ethylene glycol propyl ether	EGP	40	N E	III	V	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(f)	
Formaldehyde solution (37% to 50%)	FMS	19	Y D/E	III	V	.55-1(f)	
Glutaraldehyde solution (50% or less)	GTA	19	N NF	III		No	
Hydrocarbon 5-9	HFN	30	N A	III	V	.50-70(a), .50-81(a), (b)	
Hexamethylenediamine solution	HMC	7	N E	III	V	.55-1(c)	
Hexamethylenimine	HMI	7	N C	II	V	.55-1(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	V	No	
Methyl diethanolamine	MDE	8	N E	III	V	.55-1(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	.55-1(c)	
Morpholine	MPL	7	Y D	III	V	.55-1(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	.55-1(b), (c)	
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	
Pyridine	PRD	9	N C	III	V	.55-1(e)	
Sodium acetate, Glycol, Water mixture (3% or more Sodium hydroxide)	SAP	5	N	III		.50-73, .55-1(f)	
Sodium aluminate solution (45% or less)	SAU	5	N	III		.50-73, .55-1(a), (b), (c)	

\*\*\* 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 10381  
Official #: 1088428

Page 3 of 3

Shipyard: JEFFBOAT LL  
Hull #:

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Marls of Construction
		Group No	Exc				
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, .55-1(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		II		.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)
1,2,4-Trichlorobenzene	TCB	38	N	E	III	V	No
Trichloroethylene	TCL	38	Y		III	V	No
1,1,2-Trichloroethane	TCM	38	N		III	V	.50-73, .55-1(a)
1,2,3-Trichloropropane	TCN	38	N	E	II	T	.50-73, .55-1(a)
Triethanolamine	TEA	8	Y	E	III	V	.55-1(b)
1,1,2,2-Tetrachloroethane	TEC	38	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		.55-1(a), (b), (c)
Tritium phosphate solution	TSP	5	N	NF	III		.50-73, .55-1(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		.55-1(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, .55-1(a), (b), (c), (g)

### Explanation of terms & symbols used in the Table:

#### Cargo Identification

Name	The proper shipping name as listed in 48 CFR Table 151.05.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
Competability Group No.	The cargo reactive group number assigned for compatibility determinations in 48 CFR Part 150 Tables I and II. In accordance with 48 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 48 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 48 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 48 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 48 CFR 30-10.22.
D, E	Combustible liquid cargoes, as defined in 48 CFR 30-10.15.
NA, NF	These 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 48 CFR 151.10-1.
I	Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 48 CFR 151.10-1(b)(1).
II	Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 48 CFR 151.10-1(b)(3).
III	Designed to carry products of sufficient hazard to require a moderate degree of control. See 48 CFR 151.10-1(b)(4).

#### Conditions of Carriage

Note See Certificate of Inspection for explanation of symbols used in this column.