



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

Certification Date: 09 Oct 2019
Expiration Date: 09 Oct 2024

Certificate of Inspection

For the United States of America, 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 30412		999813			Tank Barge	
Discharging Port		Hull Material	Horsepower	Propulsion		
HOUSTON, TX		Steel				
UNITED STATES						
Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX	14Nov1993		R-1619	R-1619		R-297.5
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 Others			
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 plus Limited Coastwise---						
Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Fl.						
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 OCHI must be notified in writing as soon as this change in status occurs.						
This tank barge is participating in the Eighth and Ninth Coast Guard district's Tank Barge Streamlined Inspection Program (TBPIP). Inspection activities aboard this barge shall be conducted in accordance with the						
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>J.J. Andrew</i> CDR		
Date	Zona	A/PIR	Signature	J.J. ANDREW, CDR, USCG, By direction		
10-16-20	Houston TX	A	<i>Randy Nelson</i>	Officer in Charge, Marine Inspection		
10-27-2021	Corpus Christi	P	<i>Michael D. Johnson</i>	Marine Safety Unit Port Arthur		
7-12-22	Houston TX	H	<i>Randy Nelson</i>	Inspection Zone		
1-1-2024	BILLA TBSIP	A	<i>Darrell Landry</i>			

OMD No 2115-0317

Dept of Home Sec / USCG (16-41) (Rev 4-2004) (1-2)



Certificate of Inspection

Vessel Name: KIRBY 30412

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	19Aug2024	19Aug2014	30Apr2004
Internal Structure	31Aug2024	09Oct2019	19Aug2014

--- 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
30400		A	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
3 (P/S)	719	13.600
1 (P/S)	782	13.600
2 (P/S)	782	13.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	4352	11ft 0in	13.6	
II	3856	10ft 0in	13.6	
II	3856	10ft 0in	13.6	
III	4352	11ft 0in	13.6	

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN94000777, dated 05MAR01, 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 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.

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.

Vapor Control Authorization

This vessel's Vapor Collection System (VCS) has been inspected to the plans approved by the Marine Safety Center letter serial #C-30495 dated 22SEP93, and found acceptable for the collection of cargo vapors from those specific subchapter "D" cargoes contained in that letter and those Specific Hazardous Cargoes annotated with a "V" in the CAA.

The letter "V" in the note column of the CAA signifies approval for vapor control without any additional requirements.



Certificate of Inspection

Vessel Name: KIRBY 30412

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
3 (P/S)	30Apr2004	19Aug2014	19Aug2024	-	-	-
1 (P/S)	30Apr2004	19Aug2014	19Aug2024	-	-	-
2 (P/S)	30Apr2004	19Aug2014	19Aug2024	-	-	-

Hydro Test

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
3 (P/S)	-	-	-	-
1 (P/S)	-	-	-	-
2 (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 30412

Shipyard: PLATZER SHIPYARD I

Official #: D999813

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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's of Construction
		Group No	Exc				

Authorized Subchapter O Cargoes

Acrylonitrile	ACN	15	Y	C	II	V	.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	V	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 (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
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	V	.55-1(h)
N,N-Dimethylacetamide	DAC	10	N	E	III		.56-1(b)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	V	.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	V	.55-1(f)
Dimethylformamide	DMF	10	N	D	III		.55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II		No
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III		.56-1(b)
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	V	No
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)
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol propyl ether	EGP	40	N	E	III		No
Ethylidene norbornene	ENB	30	Y	D	II		.50-5, .50-74
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(h)
Formaldehyde solution (37% to 50%)	FMS	19	Y	D/E	III	V	.55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	N	NF	III		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
2-Methyl-5-ethylpyridine	MEP	9	N	E	III	V	.55-1(e)

*** 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 30412

Shipyard: PLATZER SHIP

Official #: D999813

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Hull #:

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				
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	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
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		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	V	50-73, 56-1(a)
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No
Triethylamine	TEN	7	N	C	II		55-1(e)
Tetrahydrofuran	THF	41	N	C	III	V	50-70(b)
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 Identificatio

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. Flammable liquid cargoes, as defined in 46 CFR 30-10.22. Combustible liquid cargoes, as defined in 46 CFR 30-10.15. 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.
A, B, C	
D, E	
NA, NF	
#	
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 Carriac

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