



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

Certification Date: 07 Oct 2014
Expiration Date: 07 Oct 2019

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 KIRBY 10043	Official Number 981481	IMO Number	Call Sign	Service Tank Barge
Hailing Port NEW YORK, NY	Hull Material Steel	Horsepower	Propulsion Unknown	
Place Built JEFFERSONVILLE, IN	Delivery Date 24Apr1992	Keel Laid Date 25Feb1992	Gross Tons R-716	Net Tons R-716
UNITED STATES			DWT	Length R-195.0
UNITED STATES				10
Owner KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	Operator KIRBY INLAND MARINE, LP 16402 1/2 De Zavala Rd 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---

In fair weather only, Lake Michigan on voyages between Calumet Harbor, Illinois and Burns Harbor, Indiana not more than five (5) miles offshore. While on this route, cargoes are limited to Subchapter D cargoes only.

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.

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				Signature	This Amended certificate issued by: ZETA MERCHANT, CDR, USCG, BY DIRECTION
Date	Zone	A/P/R			
26Aug2015	SEC HouGalvstn	A		WALLNER HENRY	Officer in Charge, Marine Inspection
18Aug2016	MSD Vcksbrg	P		BECK JAMES	
10/2/17	TBSIP	A		<i>[Signature]</i>	Sector Lake Michigan
9/11/18	TBSIP	A		<i>[Signature]</i>	
					Inspection Zone



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This tank barge is participating in the Eighth 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	07Oct2024	07Oct2014	18Jan2005
Internal Structure	07Oct2019	07Oct2014	01Sep2009

--- 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	13.500
2 - 3	607	13.500

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	1495	9ft 3in	13.5	
III	1723	10ft 4in	13.5	
II	1495	9ft 3in	13.5	
III	1723	10ft 4in	13.5	

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN92000322, dated 04Aug00, 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 letter serial #M-20251 dated 24MAR92, 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.

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.



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--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1	18Aug2004	07Oct2014	07Oct2024	01Sep2009	07Oct2014	07Oct2019
2 - 3	18Aug2004	07Oct2014	07Oct2024	01Sep2009	07Oct2014	07Oct2019

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	B-II

---Certificate Amendments---

Unit Amending	Amendment Date	Amendment Remark
Marine Safety Unit Port Arthur	26Aug2015	Conducted TBSIP Annual Exam.
Marine Safety Detachment Vicksburg	18Aug2016	Completed Periodic Inspection and MTSA Verification.
Marine Safety Unit Chicago	11Oct2017	Invalid COI onboard vessel

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 10043
Official #: D981481

Shipyard: JEFFBOAT
Hull #: 91-2538

List of Authorized Cargo

Cargo Identification							Conditions of Carriage	
Name	Chem	Cargo		Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction		
		Group No	Exc					
Authorized Subchapter O Cargoes								
Acrylonitrile	ACN	15	Y	C	II	T	50-70(a) 55-1(e)	
Adiponitrile	ADN	37		E	II	V	No	
Aminoethyl ethanolamine	AEE	8		E	III	V	55-1(b)	
Butyraldehyde (all isomers)	BAE	19		C	III	V	55-1(f)	
Butyl acrylate (all isomers)	BAR	14		D	III	V	50-70(a) 50-81(a), (b)	
Benzene hydrocarbon mixtures (having 10% Benzene or more)	BHB	32			III		50-10	
Benzene	BNZ	32		C	III	V	50-10	
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BTX	32		B/C	III	V	50-10	
Carbon tetrachloride	CBT	36			III		No	
Camphor oil (light)	CPO	18		D	II		No	
Caustic potash solution	CPS	5	Y		III		50-73, 55-1(j)	
Chlorobenzene	CRB	36		D	III	V	No	
Chloroform	CRF	36		E	III		No	
Cresols (all isomers)	CRS	21		E	III	V	No	
Caustic soda solution	CSS	5	Y		III		50-72, 55-1(i)	
Dichloromethane	DCM	36		NF	III		No	
Diethanolamine	DEA	8		E	III	V	55-1(c)	
Diethylenetriamine	DET	7	Y	E	III	V	55-1(c)	
Diisopropanolamine	DIP	8		E	III	V	55-1(c)	
Ethyl acrylate	EAC	14		C	III	V	50-70(a) 50-81(a), (b)	
Ethylene dichloride	EDC	36	Y	C	III	V	No	
Ethanolamine	MEA	8		E	III	V	55-1(c)	
Methyl methacrylate	MM	14		C	III	V	50-70(a), 50-81(a), (b)	
iso-Propanolamine	MPA	8		E	III	V	55-1(c)	
Morpholine	MPL	7	Y	D	III	V	55-1(c)	
Perchloroethylene	PER	36		NF	III		No	
Styrene (crude)	STX	30		C	III	V	No	
Styrene monomer	STY	30		D	III	V	50-70(a) 50-81(a), (b)	
Trichloroethylene	TCL	36	Y		III	V	No	
Triethanolamine	TEA	8	Y	E	III	V	55-1(b)	
Triethylenetetramine	TET	7	Y	E	III	V	55-1(b)	
Vinyl acetate	VAM	13		C	III	V	50-70(a), 50-81(a), (b)	



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Cargo Authority Attachment

Vessel Name: KIRBY 10043
Official #: D981481

Shipyard: JEFFBOAT
Hull #: 91-2538

Cargo Identification					Conditions of Carriage	
Name	Chem	Compat Group No	Exc	Grade	Hull Type	Special Requirements in 46 CFR 151 General and Man's of Construction

Explanation of terms & symbols used in the Table:

Cargo Identification

- Name** The proper shipping name as listed in 46 CFR Table 151.6
- 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.