



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

Certification Date: 28 Oct 2015
Expiration Date: 28 Oct 2020

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	IMC Number	Call Sign	Service		
KIRBY 30000T	1033796			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
HOUSTON, Texas	24Aug1995	26Feb1995	R-1613	R-1619		R-297.5
UNITED STATES						1-0
Owner	Operator					
KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 16402 1/2 DEZAVALA 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 Qualified Member Engineer Depts
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	0 Oilers
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	0 Crew Members
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilots	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Non Licensed Engineer Depts	

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, coastwise, not more than twelve (12) miles from shore between St. Marks, Florida 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 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 must be 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 Freeport Texas UNITED STATES, the Officer in Charge, Marine Inspection, 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: RICARDO M. ALONSO, CDR, USCG, By Direction
Date	Zone	A/P/R	Signature	
9-26-16	HOU	A	[Signature]	Officer in Charge, Marine Inspection
12-30-17	HOU	P	[Signature]	Houston-Galveston
8-30-18	HOU	A	[Signature]	Inspection Zone
12-11-20	HOU TBSP	A	David W. [Signature]	



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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	31Aug2020	31Aug2010	15Aug2000
Internal Structure	23Oct2020	23Oct2015	31Aug2010

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

Authorization: GRADE "A" AND LOWER SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
30860	Barrels	A	Yes	No	No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Location Description	Maximum Load (short tons)	Maximum Density (lbs/gal)
2P/S	837	15.000
1P/S	921	15.000
3P/S	774	15.000

Loading Constraints - Stability

Hull Type	Max Cargo Weight/Tank (short tons)	Maximum Draft (Ft/In)	Max Density (lbs/gal)	Route Description
III	4823	11ft 0in	15.0	Lakes, Bays, and Sounds
II	3946	10ft 0in	15.0	Lakes, Bays, and Sounds
II	3946	10ft 0in	15.0	Rivers
III	4823	11ft 0in	15.0	Rivers

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN95008724, dated 15AUG00, 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 reactive group numbers from the "COMPAT GRP" column listed in the vessel's Cargo Authority Attachment.

The maximum design density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargos with higher densities, up to 15.00 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed.

Per 46 CFR 151.10-15(c)(2) the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

Cargo Tank Max Design Working Pressure: 3.5 psig

Vapor Control Authorization



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This vessel's vapor control system has been inspected to the plans approved by the Marine Safety Center letter serial #C2-9502602 dated 28JUN95, 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.

In accordance with 46 CFR Part 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.

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.

--- Inspection Status ---



Certificate of Inspection

Vessel Name: KIRBY 30000T

Cargo Tanks

Tank Id 2P/S

Internal Exam

External Exam

Previous	Last	Next
15Aug2000	31Aug2010	31Aug2020

Previous	Last	Next
-	-	-

Hydro Test

Safety Valves

Previous	Last	Next
-	-	-

Tank Id 1P/S

Internal Exam

External Exam

Previous	Last	Next
15Aug2000	31Aug2010	31Aug2020

Previous	Last	Next
-	-	-

Hydro Test

Safety Valves

Previous	Last	Next
-	-	-

Tank Id 3P/S

Internal Exam

External Exam

Previous	Last	Next
15Aug2000	31Aug2010	31Aug2020

Previous	Last	Next
-	-	-

Hydro Test

Safety Valves

Previous	Last	Next
-	-	-

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Number of Fireman Outfits -

Number of Fire Pumps - 0

Fire Extinguishers - Hand portable and semi-portable

Quantity

Class Type

2

B-II

END



Department of Homeland Security
United States Coast Guard

Serial #: VN85008724
CGI Ref: 15-Aug-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 30000T

Official #: D1033788

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Shipyard: TRINITY MARINE GRO

Hull #: E318

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Exo	Grade	Hull Type	Note	Special Requirements in 48 CFR 191 General and Matters of Construction
Authorized Subchapter O Cargoes							
Acetic acid	AAC	4	Y	D	II		.50-73, .50-100
Ammonium bisulfite solution (70% or less)	ABX	43	Y		II		.50-73, .50-101, (3), (4)
Acetic anhydride	ACA	11	N	D	II		.50-73, .50-100
Acrylonitrile	ACN	15	Y	C	B	T	.50-70p3, .50-100
Adiponitrile	ADN	37	N	E	II	V	No
Aminoethylethanolamine	AEE	8	N	E	II	V	.50-100
Anthracene oil (Coal tar fraction)	AHO	33	N		II		No
Alkyl(C7-C9) nitrates	AKN	34	Y		II	V	.50-61, .50-60
Ammonium hydroxide (28% or less NH3)	AMH	8	N		II		.50-101, (3), (4), (5), (6)
Acetonitrile	ATN	37	N	C	II	T	No
Butyraldehyde (all isomers)	BAE	19	N	C	II	V	.50-100
Butyl acrylate (all isomers)	BAR	14	N	D	II	V	.50-70p3, .50-61p3, (3)
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BHA	32	Y		II	V	.50-63, .50-103, (4), (5), (6)
Benzene hydrocarbon mixtures (having 10% Benzene or more)	BHB	32	N		II	V	.50-60
Butyl methacrylate	BMH	14	N	D	II	V	.50-70p3, .50-61p3, (3)
Benzene	BNZ	32	N	C	II	V	.50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BTX	32	N	B/C	II	V	.50-60
Carbon tetrachloride	CBT	38	N		II		No
Cyclohexanone	CCH	18	N	D	II	V	.50-101, (4)
Cresols (all isomers)	CCW	21	Y	E	II	V	No
Cyclohexylamine	CHA	7	N	D	II	V	.50-101, (4), (5), (6)
Crude hydrocarbon feedstock (containing Butyraldehyde and Ethylpropyl acrolein)	CHG	0	N	C	II		No
Campher oil (light)	CPO	18	N	D	II		No
Causee potash solution	CPS	5	Y		II		.50-73, .50-100
Chlorobenzene	CRB	38	N	D	II	V	No
Chloroform	CRF	38	N	E	II		No
Cresols (all isomers)	CRS	21	N	E	II	V	No
Cresylic acid tar	CRX	21	N		II	V	.50-100
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D	II	V	.50-63, .50-100
Causee soda solution	CSS	5	Y		II		.50-73, .50-100
Crotonaldehyde	CTA	19	Y	C	II	T	.50-100
N,N-Dimethylacetamide	DAC	10	N	E	II	V	.50-100
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	0	Y		II		.50-101, (3), (4), (5)
Diisobutylamine	DSU	7	N	D	II	T	.50-100
Dichlorobenzene (all isomers)	DBX	38	N	E	II	T	.50-101, (3)
1,1-Dichloroethane	DCH	38	N	C	II	V	No
Dichloromethane	DCM	38	N	NF	II		No
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	DDA	0	Y	NF	II		.50-100
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	N		II		.50-100, (3), (4), (5)
Diethanolamine	DEA	8	N	E	II	V	.50-100
2,2'-Dichlorodiphenyl ether	DEE	41	N	D	II	V	.50-100
Dimethylamine	DEN	7	N	C	II	T	.50-100
Diethylethanolamine	DET	7	Y	E	II	V	.50-100
Diisopropylamine	DIA	7	N	C	II	T	.50-100
Diisopropylamine	DIP	8	N	E	II	V	.50-100
Dimethylethanolamine	DMB	8	N	D	II	V	.50-100, (4)
Dimethylformamide	DMP	10	N	D	II	V	.50-100
Dichloropropane, Dichloropropane mixtures	DMX	18	N		II	V	No

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Department of Homeland Security
United States Coast Guard

Serial #: VN5008724
COI Ref: 15-Aug-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: KIRBY 30000T
Official #: D1033788

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Shipyard: TRINITY MARI
Hull #: E318

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Exp	Grade	Hull Type	Note	Special Requirements in 48 CFR 161 General and Matters of Construction
Di-n-propylamine	DNA	7	N	C	II	T	55-10)
Dodecyltrimethylamine, Tetradecyltrimethylamine mixture	DOT	7	N	E	II	T	55-10)
1,1-Dichloropropane	DPB	38	N	C	II	T	No
1,3-Dichloropropane	DPC	38	N	C	II	T	No
1,2-Dichloropropane	DPP	38	N	C	II	T	No
1,3-Dichloropropane	DPU	16	N	D	II	T	No
2,4-Dichlorophenoxyacetic acid, trisopropylamine salt solution	DTI	43	Y		II		55-10), (1), (4), (6)
Ethyl acrylate	EAC	14	N	C	II	V	55-10), 55-10), (1), (2)
2-Ethylhexyl acrylate	EAI	14	N	E	II		55-10), 55-10), (1)
Ethylamine solution (72% or less)	EAN	7	N	A	II	T	55-10)
N-Ethylbutylamine	EBA	7	N	C	II	T	55-10)
N-Ethylcyclohexylamine	ECC	7	N	D	II	V	55-10)
Ethylisodiamine	EDA	7	Y	D	II	V	55-10)
Ethylene dichloride	EDC	38	Y	C	II	V	No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	II	V	No
Ethylene glycol propyl ether	EGP	40	N	E	II		No
2-Ethyl-3-propylacrolein	EPA	18	Y	E	II	V	No
Ethylene cyanohydrin	ETC	20	N	E	II	V	No
Ethyl methacrylate	ETM	14	N	C	II	V	55-10)
Formal	FFA	18	N	E	II	V	55-10)
Formic acid	FMA	4	Y	E	II		55-10), 55-10)
Formaldehyde solution (37% to 50%)	FMS	18	Y	D/E	II	V	55-10)
Glutaraldehyde solution (50% or less)	GTA	18	N	NF	II		No
Hexamethylenediamine solution	HMC	7	N	E	II	V	55-10)
Hexamethylenediamine	HMI	7	N	C	II	V	55-10), (4)
Isododecyl acrylate	IAI	14	N	E	II		55-10), 55-10), (1), 55-10)
Isoprene, Pentadiene mixture	IPN	30	N	A	II		55-10), 55-10)
Isopropylamine	IPP	7	N	A	II		55-10)
Isoprene	IPR	30	N	A	II		55-10), 55-10), (1)
Kraft pulping liquors (free alkali content 3% or more)	KPL	8	N		II		55-10), 55-10), (1), (2)
Methyl acrylate	MAM	14	N	C	II	V	55-10), 55-10), (1)
Methyldicyclopentadiene dimer	MCK	30	N	C	II	V	No
Methyl diethanolamine	MDE	8	N	E	II	V	55-10), (4)
Ethanolamine	MEA	8	N	E	II	V	55-10)
2-Methyl-6-ethylpyridine	MEP	9	N	E	II	V	55-10)
Methyl methacrylate	MMM	14	N	C	II	V	55-10), 55-10), (1)
Isopropylamine	MPA	8	N	E	II	V	55-10)
Morpholine	MPL	7	Y	D	II	V	55-10)
2-Methylpyridine	MPR	9	N	D	II	T	55-10)
Methyl oxide	MSO	18	Y	D	II	V	No
alpha-Methylstyrene	MSR	30	N	D	II	V	55-10), 55-10), (1)
Coal tar naphtha solvent	NCT	33	N	D	II		55-10)
1- or 2-Nitropropane	NPM	42	N	D	II		55-10)
Propanolamine (iso-, n-)	PAX	8	N	E	II	V	55-10), (4)
Pentachloroethane	PCE	38	N		II		No
1,3-Pentadiene	PDE	30	N	A	II	V	55-10), 55-10)
Polyethylene polyamines	PEB	7	Y	E	II	V	55-10)
Perchloroethylene	PER	38	N	NF	II		No
Propionic acid	PNA	4	N	D	II		55-10), 55-10)
Pyridine	PRO	8	N	C	II	V	55-10)

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Cargo Authority Attachment

Vessel Name: KIRBY 30000T
Official #: D1033768

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Shipyard: TRINITY MAR
Hull #: E318

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 49 CFR 151 General and Marks of Construction
		Group No	Exo				
Sodium aluminate solution (45% or less)	SAU	5	N		II		50-73, 50-103, (4), (5)
Sodium chlorate solution (50% or less)	SDD	0	Y	NF	II		50-73
Sodium hypochlorite solution (20% or less)	SHQ	5	N	NF	II		50-73, 50-103, (5)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	Y		II		50-73, 50-103
Sodium sulfide, hydrosulfide solution (H2S greater than 15 ppm but less than 200 ppm)	SSI	0	Y		II		50-73, 50-103
Sodium sulfide, hydrosulfide solution (H2S greater than 200 ppm)	SSJ	0	Y		II		50-73, 50-103
Styrene (crude)	STX	30	N	C	II	V	No
Styrene monomer	STY	30	N	D	II	V	50-70(a), 50-61(a), (5)
Trichloroethylene	TCL	38	Y		II	V	No
1,1,2-Trichloroethane	TCM	38	N		II	V	50-73, 50-103
1,2,3-Trichloropropane	TCN	38	N	E	II	T	50-73, 50-103
Trichloroamine	TEA	8	Y	E	II	V	50-103
1,1,2,2-Tetrachloroethane	TEC	38	N	NF	II		No
Tetrahydrofuran	TEN	7	N	C	II	T	50-103
Triethylenetriamine	TET	7	Y	E	II	V	50-103
Tetrahydrofuran	THF	41	N	C	II	V	50-70(a)
Triphenylborane (10% or less), caustic soda solution	TPB	8	N		II		50-103, (4), (5)
Tetraethylenepentamine	TTP	7	N	E	II	V	50-103
Urea, Ammonium nitrate solution (containing more than 2% Ammonia)	UAS	8	N		II		50-103
Vinyl acetate	VAM	13	N	C	II	V	50-70(a), 50-61(a), (5)
Vanillin black liquor (free alkali content 3% or more)	VEL	5	N		II		50-73, 50-103, (4), (5)
Vinyltoluene	VNT	13	N	D	II	V	50-70(a), 50-61, 50-103, (4), (5), (6)

Explanation of terms & symbols used in the Table:

Cargo Identification

Name	The proper shipping name as listed in 49 CFR Table 151.05.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRS) Manual.
Compatibility Group No.	The cargo reactive group number assigned for compatibility determinations in 49 CFR Part 150 Tables I and II. In accordance with 49 CFR 151.153, the Person-in-Charge of the cargo is responsible for ensuring that the compatibility requirements of 49 CFR Part 150 are met. Carriers must be checked for compatibility using the figures, tables, and appendices of 49 CFR 150 in conjunction with the assigned reactive group number.
Exceptions (Exo)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 49 CFR Part 150.
Grade	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "I" indicate a provisional assignment based upon literature sources which were not verified by manufacturer data. The Person-in-Charge shall verify the cargo grade based on Manufacturer data and ensure that the cargo is authorized for carriage of that grade of cargo. Flammable liquid cargoes, as defined in 49 CFR 30-10.22. Combustible liquid cargoes, as defined in 49 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 P	
Hull Type	The required cargo hull classification for carriage of the specified Subchapter O hazardous material cargo, see 49 CFR 151.10-1. Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 49 CFR 151.10-1(b)(1). Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 49 CFR 151.10-1(b)(3). Designed to carry products of sufficient hazard to require a moderate degree of control. See 49 CFR 151.10-1(b)(4).
I II III	

Conditions of Carriage

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