



UNITED STATES OF AMERICA  
 U.S. DEPARTMENT OF HOMELAND SECURITY  
 UNITED STATES COAST GUARD

# TEMPORARY CERTIFICATE OF INSPECTION

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is 5 mins. You may submit any comments concerning the accuracy of this burden estimate or any suggestion reducing the burden to: Commandant (G-MOC), U.S. Coast Guard, Washington, DC 20593-0001 or Office of Management and Budget, Paperwork Reduction Project (1625-0057), Washington, DC 20503.

This Temporary Certificate of Inspection is issued under the provisions 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	KIRBY 34016T	OFFICIAL NUMBER	1049506
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CLASS	TANK BARGE	GROSS TONS	12-1619	HOME PORT	WILMINGTON, DE
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OWNER/ADDRESS	KIRBY INLAND MARINE LP 55 WAUGH DR STE 1000 HOUSTON, TX 77027 UNITED STATES	OPERATOR/ADDRESS	KIRBY INLAND MARINE LP 16402 1/2 DE ZAVALA RD CHANNELVIEW, TX 77530 UNITED STATES
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The following complement of licensed officers and crew is required to be carried; included in which there must be 0 Certificated Lifeboatman and 0 Certificated Tankermen:

Master	Master & 1st Class Pilot	Able Seamen	Chief Engineer	Fireman/Watertenders
Chief Mate	Class Pilot	Ordinary Seamen	1st Asst. Engineer	Oilers
2nd Mate	Radio Officer	Deckhands	2nd Asst. Engineer	
<u>0</u> Mate(s)	<u>0</u> Operator(s)	<u>0</u>	<u>0</u> Engineer(s)	<u>0</u>

In addition the vessel may carry NONE other persons in the crew, 0 passengers, 0 persons in addition to the crew, and 0 Total persons allowed 0.

Maximum steam pressure allowed	p.s.i.	DATE DRYDOCKED	26 Apr 2007
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ROUTE PERMITTED AND CONDITIONS OF OPERATION

see PROXY

INSPECTED AND APPROVED FOR THE CARRIAGE OF

see PROXY

Inspection of the above vessel was completed on 26 JUNE 2007 I HEREBY CERTIFY that on this date the vessel was in all respects in conformity with applicable vessel inspection laws and regulations prescribed thereunder.

OFFICER IN CHARGE MARINE INSPECTION	INSPECTION ZONE
JAMES B. ROBERTSON, USCGC, BYDIR	HOUSTON-GALVESTON



# Temporary Certificate of Inspection

Certification Date:  
28Jun2012

KIRBY 30016T

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, Tx.

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
Drydock	26Apr2017	26Apr2007	10Jan2002
Internal Structure	28Jun2017	28Jun2012	26Apr2007

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

Authorization/ Grade "A" and lower and specified hazardous cargoes.  
 46CFR Subchapter D Authority: Highest Grade/A Capacity/30800 Units/Barrels  
 46CFR Subchapter O Authority: Part 151/Yes Part 153/No Part 154/No

#### \*Loading Constraints - Structural\*

Tanks	Max Cargo Weight/Tank(Short Tons)	Max Density(LBS/Gal)
3 P/S	770	15.000
2 P/S	832	15.000
1 P/S	916	15.000

#### \*Loading Constraints - Stability\*

Hull Type	Max Load (STons)	Max Draft (Ft/In)	Max Density (Lbs/Gal)	Route
II	3923	10'0	15.0	Lakes, Bays, and Sounds
III	4797	11'9	15.0	Lakes, Bays, and Sounds
II	3923	10'0	15.00	Rivers
III	4797	11'9	15.00	Rivers

#### \*Conditions of Carriage\*

Only those grade "A" and lower cargoes listed in 46 CFR Table 30.25-1 and those specific hazardous cargoes named in the vessel's Cargo Authority Attachment, serial # VN96015701 dated 03Jan01, may be carried.

#### \*Vapor Control Endorsement\*

In accordance with 46 CFR Part 39, excluding Part 39.40, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter serial # C2-9502602 dated 28Jun95 and found acceptable for collection of the Subchapter "D" cargoes in that letter and those specified hazardous cargoes annotated with a "V" or "T" in the referenced CAA.

The letter "V" in the note column signifies approved for vapor control with no additional requirements.

The letter "T" in the note column signifies it is a highly toxic cargo and signifies that spill valves or rupture disks are not authorized as a primary means of tank overfill protection required by 46 CFR 39.20-9.

#### \*Stability and Trim\*



# Temporary Certificate of Inspection

Certification Date:  
28Jun2012

KIRBY 30016T

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.

### ---Inspection Status---

#### \*Cargo Tanks\*

TankID	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
3 P/S	-	26Apr2007	26Apr2017	-	-	-
2 P/S	-	26Apr2007	26Apr2017	-	-	-
1 P/S	-	26Apr2007	26Apr2017	-	-	-

TankID	Saftey Valves	Hydro Test		
		Previous	Last	Next
3 P/S	-	-	-	-
2 P/S	-	-	-	-
1 P/S	-	-	-	-

### ---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery.

### ---Fire Fighting Equipment---

Number of Fireman Outfits/ 0

\*Fire Extinguishers - Hand portable and semi-portable\*

Qty	Class Type
2	B-II

\*\*\*END\*\*\*



Department of Transportation  
United States Coast Guard

Serial #: VN96015701  
COI Ref: 03-Jan-01

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 30016T  
Official #: D1049506

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Shipyard: TRINITY MARINE PRO  
Hull #: E336

### 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 Mats of Construction
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
Acetic acid	AAC	4	Y	D	III		.50-73, .55-1(g)
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .56-1(a), (b), (c)
Acetic anhydride	ACA	11	N	D	III		.50-73, .55-1(g)
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
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		.56-1(a), (b), (c), (f), (g)
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)
Camphor oil	CPO	18	N	D	II		No
Caustic potash solution	CPS	5	Y		III		.60-73, .55-1(f)
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	III	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		.56-73, .55-1(f)
N,N-Dimethylacetamide	DAC	10	N	E	III	T	.56-1(b)
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	0	Y		III		.56-1(a), (b), (c), (g)
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 salt solution (70% or less)	DDA	0	Y	NF	III		.55-1(b)
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	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)
Diethylenetriamine	DET	7	Y	E	III	V	.55-1(c)
Diisopropanolamine	DIP	8	N	E	III	V	.55-1(c)
Dimethylformamide	DMF	10	N	D	III		.55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III		.56-1(b)
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
1,3-Dichloropropane	DPU	15	N	D	II	T	No
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	43	Y		III		.56-1(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	T	.50-70(a), .50-81(a), (b)

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Department of Transportation  
United States Coast Guard

Serial #: VN96015701  
COI Ref: 03-Jan-01

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 30016T  
Official #: D1049506

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Shipyards: TRINITY MARI  
Hull #: E336

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compet		Grade	Hull Type	Note	Special Requirements in 48 CFR 151 General and Marks of Construction
		Group No	Exc				
Ethylamine solution (72% or less)	EAN	7	N	A	II	V	.55-1(b)
Ethylenediamine	EDA	7	Y	D	III	V	.55-1(c)
Ethylene dichloride	EDC	36	Y	C	III	V	No
Ethylene glycol propyl ether	EGP	40	N	E	III		No
Ethylene cyanohydrin	ETC	20	N	E	III	V	No
Ethyl methacrylate	ETM	14	N	C	III	V	.50-70(a)
Formic acid	FMA	4	Y	E	III		.50-73, .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)
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)
Ethanolamine	MEA	8	N	E	III		.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)
2-Methylpyridine	MPR	9	N	D	III	T	.55-1(c)
Mesityl oxide	MSO	16	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
Propanolamine (iso-, n-)	PAX	6	N	E	III	V	.55-1(b), (c)
Pentachloroethane	PCE	36	N		III		No
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
Propionic acid	PNA	4	N	D	III		.50-73, .55-1(g)
Pyridine	PRD	9	N	C	III	V	.55-1(e)
Sodium aluminate solution (45% or less)	SAU	5	N		III		.50-73, .55-1(a), (b), (c)
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		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)
Trichloroethylene	TCL	36	Y		III	V	No
1,1,2-Trichloroethane	TCM	36	N		III	V	.50-73, .55-1(a)
1,2,3-Trichloropropane	TCN	36	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	36	N	NF	III		No
Triethylenetetramine	TET	7	Y	E	III	V	.55-1(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		.55-1(a), (b), (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)

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Department of Transportation  
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Serial #: VN96015701  
COI Ref: 03-Jan-01

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: KIRBY 30016T  
Official #: D1049506

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Shipyard: TRINITY MARI  
Hull #: E336

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				
Vinyltoluene	VNT	13	N	D	III	V	.50-70(a), .50-81, .50-1(e), (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.