



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

Certification Date: 01 Jul 2026
Expiration Date: 01 Jul 2027

Temporary 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.

This Temporary Certificate of Inspection is issued under the provision 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 Name	Official Number	IMO Number	Call Sign	Service		
305	1131324			Tank Barge		
Hailing Port	Hull Material	Horsepower	Propulsion			
MIAMI, FL	Steel					
UNITED STATES						
Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY, TN	27Nov2002	08Aug2002	R-1260	R-1260		R-250.0
UNITED STATES						
Owner	Operator					
KIRBY INLAND MARINE LP 55 WAUGH DR SUITE 1000 HOUSTON, TX 77007 UNITED STATES	KIRBY INLAND MARINE LP 1020 PORT BLVD SUITE 2 MIAMI, FL 33132 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---

Also, in fair weather only, not more than twelve (12) miles from shore between St. Marks and Carrabelle, Florida.

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at New Orleans, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Sector New Orleans 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: D. VELEZ COMMANDER , By direction Officer in Charge, Marine Inspection Sector New Orleans Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: 305

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Jun2031	08Jun2026	11Jun2021
Internal Structure	30Jun2029	08Jun2026	03Jun2024

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

Authorization: CERTIFIED FOR CARRIAGE OF 46 CFR SUBCHAPTER D, GRADE D AND LOWER.

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
15505	Barrels	D	Yes	No	No

Hazardous Bulk Solids Authority

Not Authorized

Loading Constraints - Structural

Tank Number	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1P	555	13.6
1S	555	13.6
2P	555	13.6
2S	555	13.6
3P	555	13.6
3S	555	13.6
4P	555	13.6
4S	555	13.6
5P	536	13.6
5S	536	13.6

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
II	3412	9ft 3in	13.6	L/B/S
II	3412	9ft 3in	13.6	Rivers
III	4070	11ft 0in	13.6	L/B/S
III	4070	11ft 0in	13.6	Rivers

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial C2-0203156, dated September 27, 2002 and Grade "D" and lower cargoes may be carried, and then only in the tanks indicated.

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 compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

Stability and Trim



Temporary Certificate of Inspection

Vessel Name: 305

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.

Benzene Prohibition

Vessel not authorized to carry Benzene or Benzene containing cargoes with a Benzene concentration of 0.5% or more.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1P	26May2021	08Jun2026	08Jun2036	-	-	-
1S	26May2021	08Jun2026	08Jun2036	-	-	-
2P	26May2021	08Jun2026	08Jun2036	-	-	-
2S	26May2021	08Jun2026	08Jun2036	-	-	-
3P	26May2021	08Jun2026	08Jun2036	-	-	-
3S	26May2021	08Jun2026	08Jun2036	-	-	-
4P	26May2021	08Jun2026	08Jun2036	-	-	-
4S	26May2021	08Jun2026	08Jun2036	-	-	-
5P	26May2021	08Jun2026	08Jun2036	-	-	-
5S	26May2021	08Jun2026	08Jun2036	-	-	-

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
1P	-	-	-	-
1S	-	-	-	-
2P	-	-	-	-
2S	-	-	-	-
3P	-	-	-	-
3S	-	-	-	-
4P	-	-	-	-
4S	-	-	-	-
5P	-	-	-	-
5S	-	-	-	-

Pressure Vessels

Type	Location	Previous	Last	Next
Air Receiver	Midships aft end of vessel	28Jun2021	05May2026	05May2031

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---



Temporary Certificate of Inspection

Vessel Name: 305

Fire Extinguishers - Hand portable and semi-portable

Quantity

Class Type

2

40-B

END



16715

Serial: SP-26-039

June 29, 2026

KIRBY INLAND MARINE LP
Attn: Enrique Euceda
55 WAUGH DR SUITE 1000
HOUSTON, TX 77007

SINGLE VOYAGE LOAD LINE EXEMPTION AUTHORIZATION

Issued under the provisions of Title 46 Code of Federal Regulations 42.03-30 by the Officer in Charge, Marine Inspection, U.S. Coast Guard, New Orleans, Louisiana to:

KIRBY 305 (ON 1131324) 250'x50'x12'
Steel Hull, Inspected Tank Barge

This authorization is valid only for a single coastwise voyage from New Orleans, LA to Port Everglades, FL. This authorization is valid until arrival in Port Everglades, FL or in no case later than July 15, 2026.

This authorization is contingent upon a satisfactory exam by the U.S. Coast Guard, to be conducted at FMT in Harvey, LA on July 1, 2026. The inspection is to verify that the material condition of KIRBY 305, as presently outfitted and equipped, is satisfactory for a single coastwise voyage from New Orleans, LA to Port Everglades, FL, as per the submitted voyage plan. The following conditions must be observed:

Conditions: No personnel, passengers or cargo shall be carried onboard during this voyage, except those personnel as required for maintenance and monitoring of equipment lashings. All openings to the hull shall be closed and securely fastened. The voyage shall be conducted in fair and favorable sea and wind conditions, and not greater from shore than those distances specified in the submitted voyage plan. Equipment used in conjunction with the vessel may be carried.

Should the vessels make a return voyage to New Orleans, LA, or to any other port requiring the vessel to transit outside of the boundary line after departure from Port Everglades, FL, a new authorization must be requested from the cognizant Officer in Charge Marine Inspections.

Sincerely,

A handwritten signature in dark ink, appearing to read "D. Velez".

D. Velez
Commander, U.S. Coast Guard
Officer in Charge, Marine Inspections
By direction



Department of Transportation
United States Coast Guard

Serial #: C2-0203156
Generated: 27-Sep-02

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: 305

Shipyard: Trinity Ashland City

Official #: 1131324

Hull #: 4430

46 CFR 151 Tank Group Characteristics

46 CFR 151 Tank Group Characteristics																			
Tank Group Information			Cargo Identification			Hull Type	Cargo Seg Tank	Tanks			Cargo Transfer		Environmental Control		Fire Protection Provided	Special Requirements		Elec Haz	Temp Cont
Tnk Grp	Tanks in Group		Density	Press.	Temp.			Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space		General	Materials of Construction		
A	#(1 thru 3) (P/S)		13.6	Atmos.	Amb.	II	1ii 2ii	Integral Gravity	PV	Closed	II	G-1	NR	NA	Portable	.50-60, .50-70(a), .50-73, .50-81(a), .50-81(b), .50-86, .55-1(b), (c), (e), (f), (h), (j), .56-1(a), (b), (c), (d), (e), (f), (g).		NR	No

Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks. NA means that the vessel does not have a cargo control space, and this requirement is not applied.

2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied.

3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.

List of Authorized Cargoes

Cargo Identification							Conditions of Carriage			
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat's of Construction	
							App'd (Y or N)	VCS Category		

Authorized Subchapter O Cargoes

Acetonitrile	ATN	37	O	C	III	A	No	N/A	No
Acrylonitrile	ACN	15 ²	O	C	II	A	No	N/A	.50-70(a), .55-1(e)
Adiponitrile	ADN	37	O	E	II	A	No	N/A	No
Alkyl(C7-C9) nitrates	AKN	34 ²	O	NA	III	A	No	N/A	.50-81, .50-86
Aminoethylethanolamine	AEE	8	O	E	III	A	No	N/A	.55-1(b)
Ammonium bisulfite solution (70% or less)	ABX	43 ²	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)
Ammonium hydroxide (28% or less NH3)	AMH	6	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (f), (g)
Anthracene oil (Coal tar fraction)	AHO	33	O	NA	II	A	No	N/A	No
Benzene	BNZ	32	O	C	III	A	No	N/A	.50-60
Benzene or hydrocarbon mixtures (having 10% Benzene or more)	BHB	32	O	NA	III	A	No	N/A	.50-60
Benzene or hydrocarbon mixtures (containing Acetylene and 10% Benzene or more)	BHA		O	NA	III	A	No	N/A	.50-60, .56-1(b), (d), (f), (g)
Benzene, Toluene, Xylene mixtures (10% Benzene or more)	BTX	32	O	B/C	III	A	No	N/A	.50-60
Butyl acrylate (all isomers)	BAR	14	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Butyl methacrylate	BMH	14	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Butyraldehyde (all isomers)	BAE	19	O	C	III	A	No	N/A	.55-1(h)
Camphor oil (light)	CPO	18	O	D	II	A	No	N/A	No
Carbon tetrachloride	CBT	36	O	NA	III	A	No	N/A	No
Caustic potash solution	CPS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Caustic soda solution	CSS	5 ²	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Chemical Oil (refined, containing phenolics)	COD	21	O	E	II	A	No	N/A	.50-73
Chlorobenzene	CRB	36	O	D	III	A	No	N/A	No
Chloroform	CRF	36	O	E	III	A	No	N/A	No
Coal tar naphtha solvent	NCT	33	O	D	III	A	No	N/A	.50-73
Creosote	CCW	21 ²	O	E	III	A	No	N/A	No
Cresols (all isomers)	CRS	21	O	E	III	A	No	N/A	No
Cresylate spent caustic	CSC	5	O	NA	III	A	No	N/A	.50-73, .55-1(b)
Cresylic acid tar	CRX		O		III	A	No	N/A	.55-1(f)
Crotonaldehyde	CTA	19 ²	O	C	II	A	No	N/A	.55-1(h)
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG		O		III	A	No	N/A	No
Cyclohexanone	CCH	18	O	D	III	A	No	N/A	.56-1(a), (b)
Cyclohexanone, Cyclohexanol mixture	CYX	18 ²	O	E	III	A	No	N/A	.56-1(b)
Cyclohexylamine	CHA	7	O	D	III	A	No	N/A	.56-1(a), (b), (c), (g)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	O	D	III	A	No	N/A	.50-60, .56-1(b)

*** 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: 305

Official #: 1131324

Page 2 of 5

Shipyard: Trinity Ashland City
Hull #: 4430

Cargo Identification						Conditions of Carriage			
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery App'd (Y or N)	VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
iso-Decyl acrylate	IAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b), .55-1(c)
Dichlorobenzene (all isomers)	DBX	36	O	E	III	A	No	N/A	.56-1(a), (b)
1,1-Dichloroethane	DCH	36	O	C	III	A	No	N/A	No
2,2'-Dichloroethyl ether	DEE	41	O	D	II	A	No	N/A	.55-1(f)
Dichloromethane	DCM	36	O	NA	III	A	No	N/A	No
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution	DAD	0 1,2	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
2,4-Dichlorophenoxyacetic acid, dimethylamine salt solution (70% or less)	DDA		O		III	A	No	N/A	.55-1(b)
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	43 2	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
1,1-Dichloropropane	DPB	36	O	C	III	A	No	N/A	No
1,2-Dichloropropane	DPP	36	O	C	III	A	No	N/A	No
1,3-Dichloropropane	DPC	36	O	C	III	A	No	N/A	No
1,3-Dichloropropene	DPU	15	O	D	II	A	No	N/A	No
Dichloropropene, Dichloropropane mixtures	DMX	15	O	NA	II	A	No	N/A	No
Diethanolamine	DEA	8	O	E	III	A	No	N/A	.55-1(c)
Diethylamine	DEN	7	O	C	III	A	No	N/A	.55-1(c)
Diethylenetriamine	DET	7 2	O	E	III	A	No	N/A	.55-1(c)
Diisobutylamine	DBU	7	O	D	III	A	No	N/A	.55-1(c)
Diisopropanolamine	DIP	8	O	E	III	A	No	N/A	.55-1(c)
Diisopropylamine	DIA	7	O	C	II	A	No	N/A	.55-1(c)
N,N-Dimethylacetamide	DAC	10	O	E	III	A	No	N/A	.56-1(b)
Dimethylethanolamine	DMB	8	O	D	III	A	No	N/A	.56-1(b), (c)
Dimethylformamide	DMF	10	O	D	III	A	No	N/A	.55-1(e)
Di-n-propylamine	DNA	7	O	C	II	A	No	N/A	.55-1(c)
Dodecylidimethylamine, Tetradecyldimethylamine mixture	DOT	7	O	E	III	A	No	N/A	.56-1(b)
Ethanolamine	MEA	8	O	E	III	A	No	N/A	.55-1(c)
Ethyl acrylate	EAC	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Ethylamine solution (72% or less)	EAN	7	O	A	II	A	No	N/A	.55-1(b)
N-Ethylbutylamine	EBA	7	O	D	III	A	No	N/A	.55-1(b)
N-Ethylcyclohexylamine	ECC	7	O	D	III	A	No	N/A	.55-1(b)
Ethylene cyanohydrin	ETC	20	O	E	III	A	No	N/A	No
Ethylenediamine	EDA	7 2	O	D	III	A	No	N/A	.55-1(c)
Ethylene dichloride	EDC	36 2	O	C	III	A	No	N/A	No
Ethylene glycol hexyl ether	EGH	40	O	E	III	A	No	N/A	No
Ethylene glycol monoalkyl ethers	EGC	40	O	D/E	III	A	No	N/A	No
Ethylene glycol propyl ether	EGP	40	O	E	III	A	No	N/A	No
2-Ethylhexyl acrylate	EAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Ethyl methacrylate	ETM	14	O	D/E	III	A	No	N/A	.50-70(a)
2-Ethyl-3-propylacrolein	EPA	19 2	O	E	III	A	No	N/A	No
Formaldehyde solution (37% to 50%)	FMS	19 2	O	D/E	III	A	No	N/A	.55-1(h)
Furfural	FFA	19	O	E	III	A	No	N/A	.55-1(h)
Glutaraldehyde solution (50% or less)	GTA	19	O	NA	III	A	No	N/A	No
Hexamethylenediamine solution	HMC	7	O	E	III	A	No	N/A	.55-1(c)
Hexamethyleneimine	HMI	7	O	C	II	A	No	N/A	.56-1(b), (c)
Hydrocarbon 5-9	HFN		O		III	A	No	N/A	.50-70(a), .50-81(a), (b)
Isoprene	IPR	30	O	A	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Isoprene, Pentadiene mixture	IPN		O		III	A	No	N/A	.50-70(a), .55-1(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: 305

Official #: 1131324

Page 3 of 5

Shipyard: Trinity Ashland City

Hull #: 4430

Cargo Identification						Conditions of Carriage			
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery App'd (Y or N)	VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Kraft pulping liquors (free alkali content 3% or more)(including: Black, Green, or White liquor)	KPL	5	O	NA	III	A	No	N/A	.50-73, .58-1(a), (c), (g)
Mesityl oxide	MSO	18 ²	O	D	III	A	No	N/A	No
Methyl acrylate	MAM	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	O	C	III	A	No	N/A	No
Methyl diethanolamine	MDE	8	O	E	III	A	No	N/A	.56-1(b), (c)
2-Methyl-5-ethylpyridine	MEP	9	O	E	III	A	No	N/A	.55-1(e)
Methyl methacrylate	MMM	14	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
2-Methylpyridine	MPR	9	O	D	III	A	No	N/A	.55-1(c)
alpha-Methylstyrene	MSR	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Morpholine	MPL	7 ²	O	D	III	A	No	N/A	.55-1(c)
1- or 2-Nitropropane	NPM	42	O	D	III	A	No	N/A	.50-81
1,3-Pentadiene	PDE	30	O	A	III	A	No	N/A	.50-70(a), .50-81
Perchloroethylene	PER	36	O	NA	III	A	No	N/A	No
Polyethylene polyamines	PEB	7 ²	O	E	III	A	No	N/A	.55-1(e)
iso-Propanolamine	MPA	8	O	E	III	A	No	N/A	.55-1(c)
Propanolamine (iso-, n-)	PAX	8	O	E	III	A	No	N/A	.58-1(b), (c)
iso-Propylamine	IPP	7	O	A	II	A	No	N/A	.55-1(c)
Pyridine	PRD	9	O	C	III	A	No	N/A	.55-1(e)
Sodium acetate, Glycol, Water mixture (3% or more Sodium Hydroxide)	SAP		O		III	A	No	N/A	.50-73, .55-1(g)
Sodium aluminate solution (45% or less)	SAU	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)
Sodium chlorate solution (50% or less)	SDD	0 1,2	O	NA	III	A	No	N/A	.50-73
Sodium hypochlorite solution (20% or less)	SHQ	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b)
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0 1,2	O	NA	III	A	No	N/A	.50-73, .55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than 15 ppm but less than 200 ppm)	SSI	0 1,2	O	NA	III	A	No	N/A	.50-73, .55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than 200 ppm)	SSJ	0 1,2	O	NA	II	A	No	N/A	.50-73, .55-1(b)
Styrene (crude)	STX		O	D	III	A	No	N/A	No
Styrene monomer	STY	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)
1,1,2,2-Tetrachloroethane	TEC	36	O	NA	III	A	No	N/A	No
Tetraethylenepentamine	TTP	7	O	E	III	A	No	N/A	.55-1(c)
Tetrahydrofuran	THF	41	O	C	III	A	No	N/A	.50-70(b)
Toluenediamine	TDA	9	O	E	II	A	No	N/A	.50-73, .56-1(a), (b), (c), (g)
1,2,4-Trichlorobenzene	TCB	36	O	E	III	A	No	N/A	No
1,1,2-Trichloroethane	TCM	36	O	NA	III	A	No	N/A	.50-73, .56-1(a)
Trichloroethylene	TCL	36 ²	O	NA	III	A	No	N/A	No
1,2,3-Trichloropropane	TCN	36	O	E	II	A	No	N/A	.50-73, .56-1(a)
Triethanolamine	TEA	8 ²	O	E	III	A	No	N/A	.55-1(b)
Triethylamine	TEN	7	O	C	II	A	No	N/A	.55-1(e)
Triethylenetetramine	TET	7 ²	O	E	III	A	No	N/A	.55-1(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	O	NA	III	A	No	N/A	.58-1(a), (b), (c)
Trisodium phosphate solution	TSP	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c)
Urea, Ammonium nitrate solution (containing more than 2% NH3)	UAS	6	O	NA	III	A	No	N/A	.56-1(b)
Vanillin black liquor (free alkali content, 3% or more)	VBL	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c), (g)
Vinyl acetate	VAM	13	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Vinyl neodecanate	VND	13	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Vinyltoluene	VNT	13	O	D	III	A	No	N/A	.50-70(a), .50-81, .56-1(a), (b), (c), (g)

*** 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: 305
Official #: 1131324

Page 4 of 5

Shipyard: Trinity Ashland City
Hull #: 4430

Cargo Identification										Conditions of Carriage			
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat'ls of Construction				
							App'd (Y or N)	VCS Category					

*** 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: 305

Official #: 1131324

Page 5 of 5

Shipyard: Trinity Ashland
Hull #: 4430

Explanation of terms & symbols used in the Table:

Cargo Identification

Name

Chem Code
none

Compatibility Group No.

Note 1

Note 2

Subchapter

Subchapter D

Subchapter O

Note 3

Grade

A, B, C

D, E

Note 4

NA

#

Hull Type

I

II

III

NA

Conditions of Carriage

Tank Group

Vapor Recovery

Approved (Y or N)

Conditions of Carriage

Tank Group

Vapor Recovery

Approved (Y or N)

VCS Category:

Category 1

Category 2

Category 3

Category 4

Category 5

Category 6

Category 7

none

The proper shipping name as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 153 Table 2.

The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.

Certain mixtures of cargoes may not have a CHRIS Code assigned.

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.

Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (G-MSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 267-1217.

The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified.

Those flammable and combustible liquids listed in 46 CFR Table 30.25-1.

Those hazardous cargoes listed in 46 CFR Table 151.05 and 46 CFR Part 153 Table 2.

Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges.

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.

The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. 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.

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.

The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.

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).

Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).

Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo.

No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo.

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo.

No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo.

The specified cargo's provisional classification for vapor control systems.

(No additional VCS requirements above those for benzene, gasoline and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155.750, 33 CFR 156.120, 33 CFR 156.170, 46 CFR 35.35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39.20-11) and the pressure drop calculations (46 CFR 39.30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates.

(Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety components and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection. This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester.

(Highly toxic) VCSs for these toxic cargoes cannot use a spill valve or rupture disk as the primary means to meet the overfill protection requirement of 46 CFR 39.20-9. This requirement is in addition to the requirements of Category 1.

(Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3.

(High vapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air mixture densities and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1.

(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5.

(High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5.

The cargo has not been evaluated/classified for use in vapor control systems.

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