



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

Certification Date: 05 Apr 2021
Expiration Date: 05 Apr 2026

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	IMO Number	Call Sign	Service		
CBC 301	1102352			Tank Barge		
Hailing Port	Hull Material	Horsepower	Propulsion			
NEW ORLEANS, LA	Steel					
UNITED STATES						
Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
ASHLAND CITY TN	09Apr2001	15Feb2001	R-1619	R-1619		R-297.5
UNITED STATES						
Owner	Operator					
CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES	CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 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. 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 OCMI shall be notified in writing as soon as this change in status occurs. This tank barge is participating in the Eighth-Ninth Coast Guard District's Tank Barge Streamlined Inspection ***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> J.J. ANDREW, CDR, USCG, By direction		
Date	Zone	A/P/R	Signature	Officer in Charge, Marine Inspection		
25 MAR 22	CBC TBSiP	A	<i>[Signature]</i>	Marine Safety Unit Port Arthur		
6 Feb 23	HOU Canal	P	<i>[Signature]</i>	Inspection Zone		



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UNITED STATES			I-	I-		I-0
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Date	Zone	A/P/R	Signature	Officer in Charge, Marine Inspection		
25 MAR 22	CBC 7B5iP	A	<i>See Thompson</i>	Marine Safety Unit Port Arthur		
				Inspection Zone		




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Place Built ASHLAND CITY TN UNITED STATES	Delivery Date 09Apr2001	Keel Laid Date 15Feb2001	Gross Tons R-1619 I-	Net Tons R-1619 I-	DWT I-0	Length R-297.5 I-0
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Vessel Name: CBC 301

Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its tank barge action plan. Inspection issues concerning this barge should be directed to OCMI, Sector New Orleans.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Apr2031	05Apr2021	11Apr2011
Internal Structure	31Mar2026	05Apr2021	18Mar2016

--- 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
31062	Barrels	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 CARGO TANKS	767	13.600
#2 P&S CARGO TANKS	797	13.600
#1 P&S CARGO TANKS	823	13.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	3562	9ft 6in	13.60	RIVERS, LAKES BAYS AND SOUNDS
II	4545	11ft 6in	13.60	RIVERS, LAKES BAYS AND SOUNDS

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN00014383, dated 09Apr01, and Grade "A" and lower cargoes may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

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 0.5% or greater benzene by volume, 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 control system (VCS) has been inspected to the plans approved by the Marine Safety Center letter(s) serial #C2-0100862 dated 15Mar01, 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" in the CAA.

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

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 ---



Certificate of Inspection

Vessel Name: CBC 301

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
#3 P&S CARGO TANKS	12Apr2011	05Apr2021	30Apr2031	-	-	-
#2 P&S CARGO TANKS	12Apr2011	05Apr2021	30Apr2031	-	-	-
#1 P&S CARGO TANKS	12Apr2011	05Apr2021	30Apr2031	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
#3 P&S CARGO TANKS	-	-	-	-
#2 P&S CARGO TANKS	-	-	-	-
#1 P&S CARGO TANKS	-	-	-	-

---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



Department of Transportation
United States Coast Guard

Serial #: VN00014383
COI Ref: 09-Apr-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 301

Official #: D1102352

Shipyard: TRINITY MARI

Hull #: 4374

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List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat's of Construction
Authorized Subchapter O Cargoes							
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		.50-73, .56-1(a), (b), (c)
Acrylonitrile	ACN	15	Y	C	II	V	.50-70(a), .55-1(e)
Adiponitrile	ADN	37	N	E	II	V	No
Aminoethylethanolamine	AEE	8	N	E	III	V	.55-1(b)
Alkyl(C7-C9) nitrates	AKN	34	Y		III		.50-81, .50-86
Ammonium hydroxide (28% or less NH3)	AMH	6	N		III		.56-1(a), (b), (c), (f), (g)
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 (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)
Cyclohexylamine	CHA	7	N	D	III	V	.56-1(a), (b), (c), (g)
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG	0	N	C	III		No
Camphor oil	CPO	18	N	D	II		No
Chlorobenzene	CRB	36	N	D	III	V	No
Chloroform	CRF	36	N	E	III		No
Cresols	CRS	21	N	E	III	V	No
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D		V	.50-60, .56-1(b)
Cresylate spent caustic	CSC	5	N		III		.50-73, .55-1(b)
Crotonaldehyde	CTA	19	Y	C	II	V	.55-1(h)
Cyclohexanone, Cyclohexanol mixture	CYX	18	Y		III	V	.56-1 (b)
N,N-Dimethylacetamide	DAC	10	N	E	III	V	.56-1(b)
Diisobutylamine	DBU	7	N	D	III	V	.55-1(c)
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
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	N		III		.56-1(a), (b), (c), (g)
Diethanolamine	DEA	8	N	E	III	V	.55-1(e)
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	.55-1(f)
Diethylamine	DEN	7	N	C	III	V	.55-1(o)
Diethylenetriamine	DET	7	Y	E	III	V	.55-1(o)
Diisopropylamine	DIA	7	N	C	II	V	.55-1(c)
Diisopropanolamine	DIP	8	N	E	III	V	.55-1(o)
Dimethylethanolamine	DMB	8	N	D	III	V	.56-1(b), (c)
Dimethylformamide	DMF	10	N	D	III	V	.55-1(e)
Dichloropropene, Dichloropropane mixtures	DMX	15	N		II	V	No
Di-n-propylamine	DNA	7	N	C	II	V	.55-1(o)
Dodecyl dimethylamine, Tetradecyl dimethylamine mixture	DOT	7	N	E	III		.56-1(b)
1,1-Dichloropropane	DPB	36	N	C	III	V	No
1,3-Dichloropropane	DPC	36	N	C	III	V	No
1,2-Dichloropropane	DPP	36	N	C	III	V	No
1,3-Dichloropropane	DPU	15	N	D	II	V	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)

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Cargo Authority Attachment

Vessel Name: **CBC 301**
Official #: **D1102352**

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Shipyard: **TRINITY MARI**
Hull #: **4374**

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				
2-Ethylhexyl acrylate	EAI	14	N	E	III	V	.50-70(a), .50-81(a), (b)
Ethylamine solution (72% or less)	EAN	7	N	A	II		.55-1(b)
N-Ethylbutylamine	EBA	7	N	C	III	V	.55-1(b)
N-Ethylcyclohexylamine	ECC	7	N	D	III	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 monoalkyl ethers	EGC	40	N	D/E	III	V	No
Ethylene glycol hexyl ether	EGH	40	N	E	III		No
Ethylene glycol propyl ether	EGP	40	N	E	III	V	No
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
Hydrocarbon 6-9	HFN	30	N	A	III		.50-70(a), .50-81(a), (b)
Hexamethylenediamine solution	HMC	7	N	E	III	V	.55-1(c)
Hexamethyleneimine	HMI	7	N	C	II	V	.55-1(b), (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)
Methylcyclopentadiene dimer	MCK	30	N	C	III	V	No
Methyl diethanolamine	MDE	8	N	E	III	V	.55-1(b), (c)
Ethanolamine	MEA	8	N	E	III	V	.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)
Morpholine	MPL	7	Y	D	III	V	.55-1(c)
2-Methylpyridine	MPR	9	N	D	III	V	.55-1(c)
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	V	.50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III	V	.55-1(b), (c)
1,3-Pentadiene	PDE	30	N	A	III		.50-70(a), .50-81
Polyethylene polyamines	PEB	7	Y	E	III	V	.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 sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	Y		III	V	.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	STY	30	N	D	III	V	.50-70(a), .50-81(a), (b)
1,2,4-Trichlorobenzene	TCB	36	N	E	III	V	No
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	V	.50-73, .55-1(a)
Triethanolamine	TEA	8	Y	E	III	V	.55-1(b)

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Cargo Authority Attachment

Vessel Name: **CBC 301**
Official #: **D1102352**

Shipyard: **TRINITY MARI**
Hull #: **4374**

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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				
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No
Triethylamine	TEN	7	N	C	II	V	.55-1(e)
Triethylenetetramine	TET	7	Y	E	III	V	.55-1(b)
Tetrahydrofuran	THF	41	N	C	III	V	.50-70(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	N		III		.56-1(a), (b), (c)
Tetraethylenepentamine	TTP	7	N	E	III	V	.55-1(e)
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)
Vanillin black liquor (free alkali content 3% or more)	VBL	5	N		III		.50-73, .56-1(a), (c), (g)
Vinyltoluene	VNT	13	N	D	III	V	.50-70(a), .50-81, .56-1(a), (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.
II	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).
III	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).

Conditions of Carriage

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