



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

Certification Date: 21 Jun 2022
Expiration Date: 21 Jun 2023

Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V14, for a SAFE MANNING DOCUMENT.

Vessel Name CBC 104	Official Number 1110703	IMO Number	Call Sign	Service Tank Barge	
Hailing Port NEW ORLEANS, LA	Hull Material Steel	Registration	Propulsion		
UNITED STATES					
Place Built ASHLAND CITY TN	Delivery Date 20Jul2001	Keel Laid Date 12Jun2001	Net Tonnage	DWT	Length R 200.0
UNITED STATES					1.0
Owner CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES	Operator 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 Table 31.10-21(d); 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 OCHI 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 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			
Date	Zone	A/P/R	Signature
15 Dec 2022	Local Barge	A	[Signature]
11 Sep 2023	TB51 P.C. Inspection	A	[Signature]

This certificate issued by
M. N. COCHRAN COMMANDER, by direction
Officer in Charge, Marine Inspection
Sector New Orleans
Inspection Date



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

Certification Date: 21 Jun 2021
Expiration Date: 21 Jun 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 104	1110703			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	20Jul2001	12Jun2001	R-735	R-735		R-200.0
UNITED STATES			I-	I-		I-0

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

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Date	Zone	A/P/R	Signature	
15 June 2022	Canal Barge	A	<i>[Signature]</i>	



**United States of America
Department of Homeland Security
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CBC 104	1110703			Tank Barge

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NEW ORLEANS, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
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UNITED STATES			I-	I-		I-0

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Date	Zone	A/P/R	Signature	



Certificate of Inspection

Vessel Name: CBC 104

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30May2031	27May2021	21Jul2011
Internal Structure	30May2026	27May2021	22Apr2016

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

Authorization: FLAMMABLE/COMBUSTIBLE AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
12040	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)
#2 CENTERLINE	260	11.600
#3 CENTERLINE	260	11.600
#1 CENTERLINE	271	11.600

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1507	9ft 3in	11.6	RIVERS, LAKES, BAYS AND SOUNDS

Conditions Of Carriage

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial # VN01004823 dated July 20, 2001 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 compatibility group numbers from the "COMPAT GRP" column listed in the vessel's CAA.

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.

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.

Vapor Control Authorization

This vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letter serial # C2-0101973 dated June 01, 2001 and the list of authorized cargoes on the CAA, Serial # VN01004823 dated July 20, 2001 and found acceptable for collection of cargo vapors from those specific Subchapter "D" cargoes contained in the that letter, and those specified hazardous cargoes annotated a "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 39.2009. A high level and overfill alarm is required by 46 CFR 39.2007.



Certificate of Inspection

Vessel Name: CBC 104

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
#2 CENTERLINE	21Jul2011	27May2021	30May2031	-	-	-
#3 CENTERLINE	21Jul2011	27May2021	30May2031	-	-	-
#1 CENTERLINE	21Jul2011	27May2021	30May2031	-	-	-
			Hydro Test			
Tank Id	Safety Valves		Previous	Last	Next	
#2 CENTERLINE	-	-	-	19Jul2001	-	
#3 CENTERLINE	-	-	-	-	-	
#1 CENTERLINE	-	-	-	-	-	

---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



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CBC 104**

Shipyard: TRINITY MARI

Official #: D1110703

Page 1 of 3

Hull #: 4384

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 Mat'ls of Construction	
		Group No	Exc					
Authorized Subchapter O Cargoes								
Ammonium bisulfite solution (70% or less)	ABX	43	Y		III		50-73, 56-1(a), (b), (c)	
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	T	No	
Butyraldehyde (all isomers)	BAE	19	N	C	III	V	55-1(f)	
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	50-80, 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	
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)	
Chlorobenzene	CRB	36	N	D	III	V	No	
Cresols	CRS	21	N	E	III	V	No	
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)	
Cyclohexanone, Cyclohexanol mixture	CYX	18	Y		III	V	56-1 (b)	
N,N-Dimethylacetamide	DAC	10	N	E	III	T	56-1(b)	
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution	DAD	0	Y		III		56-1(a), (b), (c), (g)	
Diisobutylamine	DBU	7	N	D	III	T	55-1(e)	
1,1-Dichloroethane	DCH	36	N	C	III	V	No	
Dichloromethane	DCM	36	N	NF	III		No	
2,4-Dichlorophenoxyacetic acid, dimethylamine saltsolution (70% or less)	DDA	0	Y	NF	III		55-1(b)	
2,4-Dichlorophenoxyacetic acid, diethanolamine saltsolution	DDE	43	N		III		56-1(a), (b), (c), (g)	
Diethanolamine	DEA	8	N	E	III	V	55-1(c)	
Diethylamine	DEN	7	N	C	III	T	55-1(c)	
Diethylenetriamine	DET	7	Y	E	III	V	55-1(c)	
Diisopropanolamine	DIP	8	N	E	III	V	55-1(e)	
Dimethylethanolamine	DMB	8	N	D	III	V	56-1(b), (c)	
Dimethylformamide	DMF	10	N	D	III	V	55-1(e)	
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	
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt 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	V	50-70(a), 50-81(a), (b)	
N-Ethylbutylamine	EBA	7	N	C	III	T	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	

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Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **CBC 104**
Official #: D1110703

Shipyard: TRINITY MARI
Hull #: 4384

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
		Group No	Exc				
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
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	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, 56-1(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	56-1(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	T	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	V	50-73
1- or 2-Nitropropane	NPM	42	N	D	III	V	50-81
Propanolamine (iso-, n-)	PAX	8	N	E	III	V	56-1(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)
Pyridine	PRD	9	N	C	III	V	55-1(e)
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)
Styrene	STY	30	N	D	III	V	50-70(a), 50-81(a), (b)
Triethanolamine	TEA	8	Y	E	III	V	55-1(b)
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)
Trisodium phosphate solution	TSP	5	N	NF	III		50-73, 56-1(a), (c)
Tetraethylenepentamine	TTP	7	N	E	III	V	55-1(c)
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)

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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'ls of Construction
		Group No	Exc				

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.