



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

Certification Date: 21 May 2019  
 Expiration Date: 21 May 2024

# Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation VII-1 for a SAFE MARINING DOCUMENT

Vessel Name	Official Number	IMO Number	Call Sign	Service
CBC 220	1077193			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
GALVESTON TX	27Aug1999	26May1999	R-1088	R-1088		R-200.0
UNITED STATES						1-0

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

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---**

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 as 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.

This tank barge is participating in the Eighth and Ninth 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 Sector New Orleans OCMI.

\*\*\*SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION\*\*\*

With this Inspection for Certification having been completed at Houston, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Sector 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				Signature	This certificate issued by:
Date	Zone	A/P/R			
Nov 11 2020	TBSIP Changeover	A		<i>[Signature]</i>	Nicole D. Rodriguez CDR, USCG, By Direction Officer in Charge, Marine Inspection Sector Houston-Galveston Inspection Zone
24 Mar 21	Port Barge	B		<i>[Signature]</i>	
24 Mar 21	Canal Barge	A		<i>[Signature]</i>	
3-15-2023	Canal Barge	A		<i>[Signature]</i>	



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

Certification Date: 2 May 2019  
Expiration Date: 2 May 2024

# 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: **CBC 220**  
Official Number: **1077193**  
IMO Number: \_\_\_\_\_  
Call Sign: \_\_\_\_\_  
Service: **Tank Barge**

Hailing Port: **NEW ORLEANS, LA**  
Hull Material: **Steel**  
Horsepower: \_\_\_\_\_  
Propulsion: \_\_\_\_\_  
**UNITED STATES**

Place Built: **GALVESTON TX**  
Delivery Date: **27Aug1999**  
Keel Laid Date: **26May1999**  
Gross Tons: **R-1088**  
Net Tons: **R-1088**  
DWT: \_\_\_\_\_  
Length: **R-200.0**  
**UNITED STATES**

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**

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- |                            |                      |                              |          |
|----------------------------|----------------------|------------------------------|----------|
| 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---**

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Annual/Periodic/Re-Inspection			
Date	Zone	A/P/R	Signature
May 11 2020	TBSIP Chicago	A	[Signature]
29 Mar 21	CANAL BARGE	P	[Signature]
24 May 22	Canal Barge	R	[Signature]

This certificate issued by:  
**Nicole D. Rodriguez GDR, USCG, By Direction**  
Officer in Charge, Marine Inspection  
**Sector Houston-Galveston**  
Inspection Zone: \_\_\_\_\_



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

Certification Date: 21 May 2019

Expiration Date: 21 May 2024

# 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

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NEW ORLEANS, LA	Steel		
UNITED STATES			

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GALVESTON TX	27Aug1999	26May1999	R-1088	R-1088		R-200.0
UNITED STATES			F	F		1-0

Owner	Operator
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Date	Zone	A/P/R	Signature	
May 11 2020	TBSIP Chicago	A	<i>[Signature]</i>	
29 MAR 21	CANAL BARGE	P	<i>[Signature]</i>	



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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 220

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31May2029	21May2019	27Mar2009
Internal Structure	31May2024	21May2019	14Apr2014

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

Authorization: GRADE "A" AND LOWER AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16858	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)
1 C/L	1017	13.60
2 P/S	465	13.60
3 C/L	930	13.60

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	2741	11ft 0in	13.60	Lakes, Bays, and Sounds
II	2741	11ft 0in	13.60	Rivers

#### \*Conditions Of Carriage\*

#### \*Vapor Control Authorization\*

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN99001610, dated August 13, 2001, may be carried, and then only in the tanks indicated.

In accordance with 46 CFR, Part 39, excluding part 39.4000, this vessel's vapor control system has been inspected to the plans approved by Marine Safety Center letters Serial #C2-0001814, dated June 23, 2000, and found acceptable for collection of bulk liquid cargo vapors annotated with "Yes" in the CAA's VCS column.

When the vessel is carrying cargoes containing greater than 0.5% benzene by volume, the person in charge is responsible for ensuring the provisions of 46 CFR Part 197, Subpart C are applicable.

As per 46 CFR 150.130, the Person In Charge of the vessel 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, Part 150, in conjunction with the reactive group numbers from the "Compat Group No" column listed in the vessel's Cargo Authority.

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 ---



# Certificate of Inspection

Vessel Name: CBC 220

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	27Mar2009	21May2019	31May2029	-	-	-
2 P/S	27Mar2009	21May2019	31May2029	-	-	-
3 C/L	27Mar2009	21May2019	31May2029	-	-	-

  

Tank Id	Safety Valves	Hydro Test		
		Previous	Last	Next
1 C/L	-	-	-	-
2 P/S	-	-	-	-
3 C/L	-	-	-	-

**---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\*\*\*

04/17/2014 08:28 5047331489

NMR



Department of Transportation  
United States Coast Guard

Serial #: VNS001610  
COI Ref. 13-Aug-01

# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: CBC 220  
Official #: D1077193

Shipyard: NEWPARK SHI  
Hull #: 112

Page 1 of 2

### List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Hull Type	Note	Special Requirements (in 48 CFR 151 General and Parts of Construction)	
		Group No	Exc				
<b>Authorized Subchapter O Cargoes</b>							
Alkyl (C7-C9) nitrates	AKN	34	Y	III		50-61, 66-66	
Acetonitrile	ATN	37	N C	III	T	Na	
Butyraldehyde (all isomers)	BAE	19	N C	III	V	59-1(b)	
Butyl acrylate (all isomers)	BAR	14	N D	III	V	60-70(a), 60-81(a), (b)	
Benzene hydrocarbon mixtures (having 10% Benzene or more)	BHB	32	N	III	V	50-65	
Butyl methacrylate	BMH	14	N D	III	V	60-70(a), 60-81(a), (b)	
Benzene	BNZ	32	N C	III	V	50-65	
Benzene, Toluene, Xylene mixtures (having 10% Benzene or more)	BTX	32	N B/C	III	V	50-65	
Carbon tetrachloride	CBT	36	N	III		Na	
Cresols (all isomers)	CDW	21	Y E	III	V	Na	
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG	0	N C	III		Na	
Chlorobenzene	CRB	38	N D	III	V	Na	
Chloroform	CRF	36	N E	III		Na	
Cresols	CRS	21	N E	III	V	Na	
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N D	III	V	50-60, 69-1(b)	
Coal tar pitch (molten)	CTP	33	N E	III		50-7a	
1,1-Dichloroethane	DCH	36	N C	III	V	Na	
Dichloromethane	DCM	36	N NF	III		Na	
1,1-Dichloropropane	DPB	36	N C	III	T	Na	
1,3-Dichloropropane	DPC	36	N C	III	T	Na	
1,2-Dichloropropane	DPP	36	N C	III	T	Na	
Ethyl acrylate	EAC	14	N C	III	V	60-70(a), 60-81(a), (b)	
2-Ethylhexyl acrylate	EAI	14	N E	III	V	60-70(a), 60-81(a), (b)	
Ethylene dichloride	EDC	36	Y C	III	V	Na	
Ethylene glycol monoalkyl ethers	EGC	40	N D/E	III	V	Na	
Ethylene glycol hexyl ether	EGH	40	N E	III		Na	
Ethylene glycol propyl ether	EGP	40	N E	III	V	Na	
2-Ethyl-3-propylacrolein	EPA	19	Y E	III	V	Na	
Ethylene cyanohydrin	ETC	20	N E	III	V	Na	
Ethyl methacrylate	ETM	14	N C	III	V	50-70(a)	
Furfural	FFA	19	N E	III	V	35-1(b)	
Formaldehyde solution (37% to 50%)	FMS	18	Y D/E	III	V	35-1(b)	
Glutaraldehyde solution (50% or less)	GTA	19	N NF	III		Na	
Hydrocarbon 5-8	HFN	30	N A	III	V	60-70(a), 60-81(a), (b)	
Isoprene	IPR	20	N A	III		60-70(a), 60-81(a), (b)	
Methyl acrylate	MAM	14	N C	III	V	50-70(a), 60-81(a), (b)	
Methylcyclopentanediene dimer	MCK	30	N C	III	V	Na	
Methyl methacrylate	MMM	14	N C	III	V	50-70(a), 60-81(a), (b)	
Mesityl oxide	MSO	18	Y D	III	V	Na	
alpha-Methylstyrene	MSR	30	N D	III		60-70(a), 60-81(a), (b)	
Coal tar naphtha solvent	NCT	33	N D	III	V	50-7a	
1- or 2-Nitropropane	NPM	42	N D	III	V	50-85	
Phthalic anhydride (molten)	PAH	11	N E	III	V	Na	
1,3-Pentadiene	PDE	30	N A	III		60-70(a), 60-81	
Perchloroethylene	PER	36	N NF	III		Na	
Sodium chlorate solution (50% or less)	SDD	0	Y NF	III		60-75	
Styrene (crude)	STX	30	N C	III	V	Na	
Styrene	STY	30	N D	III	V	60-70(a), 60-81(a), (b)	
1,2,4-Trichlorobenzene	TGB	38	N E	III	V	Na	

\*\*\* 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: CBC 220  
Official #: D1077193

Page 2 of 2

Shipyard: NEWPARK SHI  
Hull #: 112

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				
Trichloroethylene	TCL	36	Y		III	V	No
1,1,2,2-Tetrachloroethane	TEC	36	N	NF			No
Tetrahydrofuran	THF	41	N	C			50-79(b)
Vinyl acetate	VAM	13	N	C			50-70(a), 50-81(a), (b)

### 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.