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

Certification Date:	17 Jan 2023
Expiration Date:	17 Jan 2028

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 7024	CG053197			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
New Orleans, LA UNITED STATES	Steel		None

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX UNITED STATES	29Sep1997	30Apr1997	R-1016 I-	R-1016 I-		R-240.0 I-0

Owner
CANAL BARGE COMPANY, INC.
1801 Engineers Road
Belle Chase, 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 Engineer	
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 per 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 per 46 CFR 31.10-21(a)(1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

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 per 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 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

Date	Zone	A/P/R	Signature
8 Jan 24	HOU TBSIP	A	J.E. Thompson
11 Dec 24	CBC TBSIP	P	Jw Hayes
11/18/25	CBC TBSIP	A	Paul Boyle

This certificate issued by: K. A. Hantal, CDR, USCG, By direction
Officer in Charge, Marine Inspection
Marine Safety Unit Port Arthur
Inspection Zone

United States of America
Department of Homeland Security
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8 Jan 24	HOU TBSIP	A	J.E. Thompson
11 Dec 24	CBC TBSIP	P	V.N. Nguyen

This certificate issued by:
K. A. Hantal, CDR, USCG, By direction
Officer in Charge, Marine Inspection
Marine Safety Unit Port Arthur
Inspection Zone

OMB No. 2115-0517

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

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New Orleans, LA UNITED STATES	Steel		None

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
HOUSTON, TX UNITED STATES	29Sep1997	30Apr1997	B-1016 I-	B-1016 I-		B-240.5 I-

Owner	Operator
CANAL BARGE COMPANY, INC. 1801 Engineers Road Belle Chase, LA 70037 UNITED STATES	CANAL BARGE COMPANY, INC. 1801 Engineers Road Belle Chasse, LA 70037 UNITED STATES

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Certificate of Inspection

Vessel Name: CBC 7024

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Jan2033	17Jan2023	21Dec2017
Internal Structure	31Dec2027	17Jan2023	21Dec2017

--- 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
17431	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	46	15.000
1 P/S	48	15.000
2 P/S	54	15.000

Loading Constraints - Stability

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	2835	11ft 9in	8.7	R,LBS
II	2291	9ft 11in	8.7	R,LBS

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #VN97011767, dated November 29, 2001 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 vessel is responsible for ensuring that the compatibility requirements of 46 CFR 150 are met. Cargos must be checked for compatibility using the figures, tables and appendices of 46 CFR 150 in conjunction with the reactive group numbers from the "Compat Group No" column listed in the vessel's CAA.

Vapor Control Authorization

Per 46 CFR 39, excluding Part 39.4000, this vessel's vapor control system (VCS) has been inspected to the plans approved by the Marine Safety Center letter(s) serial #C2-9701664 dated May 20, 1997 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" 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 39.20-9. An overfill alarm is required by 46 CFR 39.20-7.

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.

Stability and Trim

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

Certification Date:	17 Jan 2023
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Certificate of Inspection

Vessel Name: CBC 7024

Per 46 CFR 151.10(c) (2), the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying Subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

The maximum design density of cargo which may be filled to the tank top is 10.00 lbs/gal. Cargoes with higher densities, up to 13.57 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

--- Inspection Status ---

Cargo Tanks

	Internal Exam			External Exam		
Tank Id	Previous	Last	Next	Previous	Last	Next
3 P/S	21Dec2017	17Jan2023	31Jan2033	-	-	-
1 P/S	21Dec2017	17Jan2023	31Jan2033	-	-	-
2 P/S	21Dec2017	17Jan2023	31Jan2033	-	-	-

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

---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	40-B

END

Department of Transportation
United States Coast Guard

Serial #:	VN97011767
COI Ref:	29-Nov-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **7024**
Official #: CG053197

Shipyard: TRINITY PROD
Hull #: E342

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls 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	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)
N-Aminoethylpiperazine	AEP	7	N	E			
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		No
Butyraldehyde (all isomers)	BAE	19	N	C	III		.55-1(h)
Butyl acrylate (all isomers)	BAR	14	N	D	III		.50-70(a), .50-81(a), (b)
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	BHA				III		.50-60, .56-1(b), (d), (f), (g)
Benzene hydrocarbon mixtures (having 10% Benzene ormore)	BHB	32	N		III		.50-60
Butyl methacrylate	BMH	14	N	D	III		.50-70(a), .50-81(a), (b)
Benzene	BNZ	32	N	C	III		.50-60
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	III		.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)
Crude hydrocarbon feedstock (containing Butyraldehydesand 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
Cresylic acid tar	CRX	21	N		III		.55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N	D			.50-60, .56-1(b)
Cresylate spent caustic	CSC	5	N		III		.50-73, .55-1(b)
Crotonaldehyde	CTA	19	Y	C	II		.55-1(h)
N,N-Dimethylacetamide	DAC	10	N	E	III	T	.56-1(b)
Diisobutylamine	DBU	7	N	D	III	T	.55-1(c)
Dichlorobenzenes (all isomers)	DBX	36	N	E	III	T	.56-1(a), (b)
1,1-Dichloroethane	DCH	36	N	C	III		No
Dichloromethane	DCM	36	N	NF	III		No
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)
2,2'-Dichloroethyl ether	DEE	41	N	D	II	V	.55-1(f)
Diethylamine	DEN	7	N	C	III	T	.55-1(c)
Diethylenetriamine	DET	7	Y	E	III	V	.55-1(c)
Diisopropylamine	DIA	7	N	C	II	T	.55-1(c)
Diisopropanolamine	DIP	8	N	E	III	V	.55-1(c)
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		No
Di-n-propylamine	DNA	7	N	C	II	T	.55-1(c)
Dodecyldimethylamine, Tetradecyldimethylamine 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		No
1,3-Dichloropropene	DPU	15	N	D	II		No

Department of Transportation
United States Coast Guard

Serial #:	VN97011767
COI Ref:	29-Nov-01

Certificate of Inspection
Cargo Authority Attachment

Vessel Name: **7024**
Official #: CG053197

Shipyard: TRINITY PROD
Hull #: E342

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat Group No	Compat Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
2,4-Dichlorophenoxyacetic acid, triisopropanolaminesalt solution	DTI	43	Y		III		.56-1(a), (b), (c), (g)
Ethyl acrylate	EAC	14	N	C	III		.50-70(a), .50-81(a), (b)
2-Ethylhexyl acrylate	EAI	14	N	E	III		.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	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		No
Ethylene glycol monoalkyl ethers	EGC	40	N	D/E	III		No
Ethylene glycol hexyl ether	EGH	40	N	E	III		No
Ethylene glycol propyl ether	EGP	40	N	E	III		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		.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 5-9	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	.56-1(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, .56-1(a), (c), (g)
Methyl acrylate	MAM	14	N	C	III		.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		.55-1(e)
Methyl methacrylate	MMM	14	N	C	III		.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		.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		.56-1(b), (c)
Pentachloroethane	PCE	36	N		III		No
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 hypochlorite solution (15% or less)	SHP	5	N		III		
Sodium sulfide, hydrosulfide solution (H2S 15 ppm orless)	SSH	0	Y		III		.50-73, .55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than15 ppm but less than 200 ppm)	SSI	0	Y		III		.50-73, .55-1(b)
Sodium sulfide, hydrosulfide solution (H2S greater than200 ppm)	SSJ	0	Y		II		.50-73, .55-1(b)
Styrene (crude)	STX	30	N	C	III		No
Styrene (crude)	STX	30	N	C	III		No

Department of Transportation
United States Coast Guard

Serial #:	VN97011767
COI Ref:	29-Nov-01

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: **7024**
Official #: CG053197

Shipyard: TRINITY PROD
Hull #: E342

Cargo Identification						Conditions of Carriage	
		Compat					
Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Styrene	STY	30	N	D	III		.50-70(a), .50-81(a), (b)
1,2,4-Trichlorobenzene	TCB	36	N	E	III	V	No
Trichloroethylene	TCL	36	Y		III		No
1,1,2-Trichloroethane	TCM	36	N		III	V	.50-73, .56-1(a)
1,2,3-Trichloropropane	TCN	36	N	E	II	T	.50-73, .56-1(a)
Triethanolamine	TEA	8	Y	E	III	V	.55-1(b)
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	III		No
Triethylamine	TEN	7	N	C	II		.55-1(e)
Triethylenetetramine	TET	7	Y	E	III	V	.55-1(b)
Tetrahydrofuran	THF	41	N	C	III		.60-70(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(c)
Urea, Ammonium nitrate solution (containing more than2% Ammonia)	UAS	6	N		III		.56-1(b)
Vinyl acetate	VAM	13	N	C	III		.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		.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.

Compatability 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 explaination of symbols used in this column.