

Certification Date Expiration Date

Certificate of Inspection

For ships on international voyages this cartificate fulfills Service Call Sign IMO Number Official Number Tank Barge Vossel Name 999970 **CBC 199** Propulsion Horsepower Hull Material Halling Port NEW ORLEANS, LA Steel UNITED STATES Length DWT Net Tons Gross Tons Keel Laid Date **Delivery Date** R-195.0 Place Built R-1061 R-1061 17May1994 **GULFPORT MS** 140 11Jul1994 UNITED STATES CANAL BARGE COMPANY INC Owner CANAL BARGE COMPANY INC 1801 ENGINEERS ROAD

1801 ENGINEERS ROAD BELLE CHASSE, LA 70037 UNITED STATES

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 Licensed Mates 0 Chief Engineers 0 Masters 0 First Assistant Engineers 0 First Class Pilots 0 Chief Mates O Second Assistant Engineers O Radio Officers 0 Second Mates 0 Third Assistant Engineers 0 Able Seamen O Third Mates O Licensed Engineers 0 Ordinary Seamen 0 Master First Class Pilot 0 Qualified Member Engineer 0 Deckhands 0 Mate First Class Pilots

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 plus Limited Great Lakes---

THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.10-21(B); 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 NOTIFIED IN WRITING AS SOON AS THIS CHANGE OCCURS

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at CHICAGO, IL, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Lake Michigan certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

	Annual/Period	ic/Re-In	spection
Date	Zone	A/P/R	Signature
28 Dec 2020	TBSIP Canal	A	Eller Olewher
14 Oct 2021	HON CAYEL	P	Ka Miles
16-Aug-2022	Cambarge	A	gods Blenn
17- Aug 2003	TBSIP Chicago	14	find o

This certificate issued by: RANDY L. PRESTON, CDR, USOG, Y DIRECTION

Officer in Charge, Marine Inspection

Sector Lake Michigan

Inspection Zone



Certification Date: 09 Oct 2019 Expiration Date: 09 Oct 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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Vessel Name	Off	icial Number	IMO Numb	er	Call Sign	Service		
CBC 199	99	99970				Tank I	Barge	
Hailing Port		Hull Material	Horse	nower	Propulsion			
NEW ORLEANS, LA		Steel			, Topalaian			
UNITED STATES		0.001						
Place Built		Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length	
GULFPORT MS		11Jul1994	17May1994	R-1061	R-1061		R-195.0	
UNITED STATES			, , , , , , , , , , , , , , , , , , ,	 -	F		I-0	,
· · · · · · · · · · · · · · · · · · ·								
CANAL BARGE COMPAN 1801 ENGINEERS ROAD BELLE CHASSE, LA 7003 UNITED STATES)		1801 BELL	AL BARGE ENGINEEI	E, LA 70037	С		
This vessel must be manne 0 Certified Lifeboatmen, 0						hich there m	nust be	
0 Masters	0 Licensed Mates	0 Chief	Engineers	00	ilers			
0 Chief Mates	0 First Class Pilo	ts 0 First A	Assistant Engineer	s				
0 Second Mates	0 Radio Officers	0 Secor	nd Assistant Engin	eers				
0 Third Mates	0 Able Seamen	0 Third	Assistant Enginee	rs				
0 Master First Class Pilot	0 Ordinary Seame	en 0 Licens	sed Engineers					
0 Mate First Class Pilots	0 Deckhands	0 Qualif	ied Member Engin	eer				
In addition, this vessel may Persons allowed: 0	carry 0 Passen	gers, 0 Other	Persons in cre	w, 0 Perso	ns in addition to	crew, and	no Others. Total	
Route Permitted And Co	onditions Of Op	eration:						
Lakes, Bays, and	Sounds plu	ıs Limited	Great Lak	es				

THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.10-21(B); 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 NOTIFIED IN WRITING AS SOON AS THIS CHANGE OCCURS

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

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	Annual/Periodi	ic/Re-in	spection
Date	Zone	A/P/R	Signature
28 Dec 2020	TBSIP Canal	A	Eller Olewher
14 Oct 2021	HON Canal	β.	La Miles
16-Aug-2012	Campbaige	A	Goder Blessin
· · · · · · · · · · · · · · · · · · ·	0		

This certificate issued by: Kandy L. PRESTON, CDR, USOG, BY DIRECTION

Officer in Charge, Marine Inspection

Sector Lake Michigan

Inspection Zone



09 Oct 2019 Certification Date: 09 Oct 2024 Expiration Date:

Certificate of Inspection

essel Name	Official Nu	mber	IMO Numb	er	Call Sign	Service	
CBC 199	999970	0				Tank	Barge
Hailing Port NEW ORLEANS, LA		uli Material Steel	Horse	power	Propulsion		
UNITED STATES							
Place Built	Delive	ery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GULFPORT MS	11.1	ul1994	17May1994	R-1061	R-1061		R-195.0
UNITED STATES	,,,,	ui 1001		1+	le-		1-0
Owner CANAL BARGE COMPA 1801 ENGINEERS ROAL BELLE CHASSE, LA 700 UNITED STATES)		1801 BELL	AL BARGE ENGINEE	E, LA 70037	NC	
This vessel must be mann	ed with the following Certified Tankermer	licensed	and unlicensed Type Rating,	d Personne and 0 GMD	l. Included in SS Operators	which there	must be
0 Masters	0 Licensed Mates	0 Chie	f Engineers	0.0	Dilers		
0 Chief Mates	0 First Class Pilots	0 First	Assistant Enginee	rs			
0 Second Mates	0 Radio Officers	0 Seco	and Assistant Engir	neers			
0 Third Mates	0 Able Seamen	0 Third	Assistant Enginee	ers			
0 Master First Class Pilot	0 Ordinary Seamen	0 Licer	nsed Engineers				
0 Mate First Class Pilots	0 Deckhands	0 Qual	ified Member Engir	neer			

Route Permitted And Conditions Of Operation:

--- Lakes, Bays, and Sounds plus Limited Great Lakes---

THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.10-21(B); 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 NOTIFIED IN WRITING AS SOON AS THIS CHANGE OCCURS

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

Approach Desiration Desiration

With this Inspection for Certification having been completed at CHICAGO, IL, UNITED STATES, the Officer in Charge, Marine Inspection, Sector Lake Michigan certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

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SOG, BY DIRECTION
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Certification Date: 09 Oct 2019 Expiration Date: 09 Oct 2024

Certificate of Inspection

			STEELS OF SOLAS /	as amended, regi	ulation V/14, for a SAFE	MANNING DOCUM	IENT.
Vessel Name	Offic	ial Number					
CBC 199		9970	IMO Numb	per	Call Sign	Service	
	333	9970				Tank Ba	irge
Heiting Day							
Hailing Port		11.004					
NEW ORLEANS, LA		Hull Material	Horse	power	Propulsion		
UNITED STATES		Steel					
OTTILED STATES							
Diam B III							
Place Built		Delivery Date	Keel Laid Date				
GULFPORT MS		K 100 K 1		Gross Tons R-1061	Net Tons	DWT	Length
UNITED STATES		11Jul1994	17May1994	k-1001	R-1061		R-195.0
							1-0
Owner							
CANAL BARGE COMPANY	(INC		Operator				
1801 ENGINEERS ROAD			CANA	L BARGE	COMPANY INC	;	
BELLE CHASSE, LA 70037	,		1801 RELL	ENGINEER E CHASSE,	S ROAD		
UNITED STATES			UNITE	ED STATES	LA 70037		
This vessel must be				-			
This vessel must be manned 0 Certified Lifeboatmen, 0 C	with the following	ing licensed	and unlicensed	Personnel.	Included in whi	ch there mus	st be
011	0 Licensed Mates	, 0 1100	Type realing, a	na o GIVIDS	S Operators.		
O Chief Made	0 First Class Pilots		Engineers ssistant Engineers	0 Oile	ers		
0.0	0 Radio Officers	0 1 11007	d Assistant Engineers				
0 Third Mates	0 Able Seamen		Assistant Engineer				
0 Master First Class Pilot	0 Ordinary Seamen		ed Engineers	3			
0 Mate First Class Pilots	0 Deckhands	0 Qualifi	ed Member Engine	er			
In addition, this vessel may of Persons allowed: 0	arry 0 Passeng	ers, 0 Other	Persons in cre	w, 0 Persons	s in addition to	crow and no	Others Tabel
					o in addition to t	ciew, and no	Others. Total
Route Permitted And Con	iditions Of Ope	ration:					
Lakes, Bays, and S	Sounds plus	Limited	Great Lake	es			
THIS VESSEL HAS BEEN GRAN 21(B); IF THIS VESSEL IS VESSEL MUST BE INSPECTED CHANGE OCCURS	NTED A FRESH W	ATER SERVIC	E EXAMINATION	INTERVAL	IN ACCORDANCE IN ANY TWELVI MI NOTIFIED IN	WITH 46 CF E (12) MONT N WRITING AS	R TABLE 31.10- H PERIOD, THE S SOON AS THIS
SEE NEXT PAGE FOR	RADDITIONAL	CERTIFIC	ATE INFORM	ATION			
With this Inspection for Certif	fication having b	oon complet		O # 1111	D STATES, th	e Officer in C	harge Marino
Inspection, Sector Lake Mich and the rules and regulations	nigan certified th	e vessel, in a	all respects, is i	n conformity	with the applica	able vessel in	spection laws
	iodic/Re-Inspect			s cortificate		7	077

This certificate issued by:

Officer in Charge, Marine Inspection

Inspection Zone

RANDY L. PRESTON, CDR, USOG, BY DIRECTION

Sector Lake Michigan

Date

28 Dec 2020

Zone

A/P/R

Signature

Elton Oleulee



Certification Date: 09 Oct 2019 Expiration Date: 09 Oct 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		Offi	cial Number	MO Nur	nber	Call Sign	Service	
CBC 199		99	9970			•	Tank 6	Barge
Hailing Port	NO LA		Hull Material	Hon	epower	Propulsion		
NEW ORLEA	NS, LA		Steel					
UNITED STAT	r es							
Place Built		1	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
GULFPORT N	10		11Jul1994	17May1994	R-1061	R-1061		R-195.0 HO
UNITED STAT	r es				•	Ļ		ю
Owner			μ =	Operati		<u>.</u>		**
CANAL BARG 1801 ENGINEI		INC ~			IAL BARGE I ENGIN EEI	COMPANY IN RS ROAD	Ü	
BELLE CHAS			.**		LE CHASSE			
UNITED STAT	•				ED STATE			
This vessel mu D Certified Life	st be manned boatmen, 0 Ce	with the follovertified Tanker	ving licensed men, 0 HSC	and unlicense Type Rating,	d Personnel and 0 GMDS	Included in w SS Operators.	hich there m	ust be
0 Masters	C	Licensed Mates		Engineers	0.0	lers .		
0 Chief Mates	0	First Class Pilot		Assistant Enginee				
0 Second Mate	-	Radio Officers		nd Assistant Engl				
0 Third Mates	-	Able Seamen		Assistant Engine	ers			
0 Master First (Ordinary Seame		sed Engineers				
0 Mate First Cla		Deckhands		ied Member Engi				O" T-1-1
In addition, this Persons allowe	vessel may ca d: 0	arry 0 Passen	gers, 0 Other	Persons in cr	ew, 0 Persor	ns in addition to	crew, and n	o Others. Total
Route Permit	ted And Conc	ditions Of Op	eration:					
Lakes, B				Great Lak	es			
THIS VESSEL H	AS BEEN GRANT	TED A FRESH TO	NATER SERVIC	CE EXAMINATION	N INTERVAL	S IN ANY TWEL	VE (12) MON	FR TABLE 31.10- TH PERIOD, THE AS SOON AS THIS
*** ***	PAGE FOR	ADDITIONA	CERTIEIC	ATE INFORM	/ATION*€*			
Mith this lospor	tion for Certific	cation having	been comple	ted at CHICAG	30. IL. UNI	ED STATES,	the Officer in icable vessel	Charge, Marine inspection laws
and the rules ar	nd regulations	prescribed the	reunder.				A —	$\mathcal{O}' + \mathcal{L} \mathcal{T}$
- Nul		dic/Re-Inspec		TI	nis certificate	issued by: 🕻	Hard	of trade
Date	Zone	A/P/R	Signatur	e	RANDY L.	PRESTON, C	ok bisog.	Y DIRECTION
								
				Off	icer in Charge, Mai	ine Inspection (, ,	Nº/ 2	
				Of the second	icer in Charge, Mai	Sector La	ke Michigan	-

OMB No. 2115-05



Certification Date: 09 Oct 2019 **Expiration Date:** 09 Oct 2024

Certificate of Inspection

Vessel Name CBC 199

H	lul	l Exams
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Exam Type

Next Exam

Last Exam

Prior Exam

DryDock

31Aug2029

30Sep2019

28Aug2009

Internal Structure

31Aug2024

30Sep2019

28Aug2014

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

Authorization:

FLAMMABLE/COMBUSTABLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

Total Capacity

Units

Highest Grade Type Part151 Regulated Part153 Regulated Part154 Regulated

16938

Barrels

Yes

No

Nο

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 C/L	382	13.60
2 AND 3 P/S	390	13.60
4 C/L	367	13.60

Loading Constraints - Stability

Hull Type	Maximum Load	Maximum Draft	Max Density	Route Description
	(short tons)	(ft/in)	(lbs/gal)	
III	2911	11ft Oin	13.60	RIVERS; LAKES, BAYS AND SOUNDS
11	2261	9ft Oin	13.60	RIVERS; LAKES, BAYS AND SOUNDS

^{*}Conditions Of Carriage*

ONLY THOSE CARGOES NAMED IN THE VESSEL'S CARGO AUTHORITY ATTACHMENT (CAA), SERIAL #VN94001420, DATED 26MAY00, AND GRADE "A" AND LOWER CARGOES MAY BE CARRIED.

VAPOR CONTROL AUTHORIZATION

THIS VESSEL'S VAPOR CONTROL SYSTEM HAS BEEN INSPECTED TO THE PLANS APPROVED BY THE MARINE SAFETY CENTER LETTER, SERIAL #C2-9401195, DATED 19MAY94, 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

--- Inspection Status ---

Cargo Tanks

	Internal Exam	n		External Exam
Tank Id	Previous	Last	Next	Previous Last Next
1 C/L	-	28Aug2014	30Aug2024	
2 AND 3 P/S	-	28Aug2014	30Aug2024	
4 C/L	-	28Aug2014	30Aug2024)::()-1
			Hydro Test	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tank Id	Safety Valve	s	Previous	Last Next
1 C/L	-		-	

Dept. of Home Sec., USCG, CG-841 (Rev 4-2000)(v2)

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OMB No. 2115-0517



Certification Date: 09 Oct 2019 Expiration Date: 09 Oct 2024

Certificate of Inspection

Vessel Name CBC 199

2 AND 3 P/S

4 C/L

--- Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Number of Fireman Outfits - 0

Fire Extinguishers - Hand portable and semi-portable

Quantity

Class Type

2

B-II

END



OMB No. 2115-0517

Department of Transportation United States Coast Guard

Serial #: VN94001420 COI Ref: 26-May-00



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 199
Official #: D999970

Page 1 of 2

Shipyard: TRINITY MARI

Hull #: 1400

List of Authorized Cargoes

Cargo Identification						C	onditions of Carriage	
	Chem	Comp	at		Hull		Special Requirements in 46 CFR 15	
Name	Code	No	Exc	Grade	Type	Note	General and Mat'is of Construction	
uthorized Subchapter O Cargoes								
Adiponitrile	ADN	37	N	E	П	V	No	
Anthracene oil (Coal tar fraction)	AHO	33	N		- II		No	
Alkyl(C7-C9) nitrates	AKN	34	Υ		111		50-81, 50-86	
Acetonitrile	ATN	37	N	С	Ш	Т	No	
so-Butyraldehyde	BAD	19	N	С)11	V		
Butyraldehyde (all isomers)	BAE	19	N	С	111	V	.55-1(h)	
Butyl acrylate (all isomers)	BAR	14	N	D	III	V	.50-70(a), .50-81(a), (b)	
crude)Butyraldehyde	BFA	19	N			V		
Benzene hydrocarbon mixtures (containing Acetylenes)(having 10% Benzene or more)	ВНА				DI.	V	.50-60, .56-1(b), (d), (f), (g)	
lenzene hydrocarbon mixtures (having 10% Benzene ormore)	внв	32	N		111	V	50-60	
utyl methacrylate	ВМН	14	N	D	OH	V	.50-70(a), 50-81(a), (b)	
Benzene	BNZ	32	N	С	08	V	.50-60	
-Butyraldehyde	BTR	19	N	C	111	V		
Benzene, Toluene, Xylene mixtures (having 10% Benzeneor more)	BTX	32	N	B/C	10	V	.50-60	
Carbon tetrachloride	CBT	36	N		(II		No	
Creosote (all isomers)	CCW	21	Y	E	III		No	
Camphor oil	CPO	18	N		11		No -	
Caustic potash solution	CPS	5	Y		111		.50-73, .55-1(j)	
Chlorobenzene	CRB	36	N	D	III		No	
Chloroform	CRF	36	N	E	- III		No	
Cresols	CRS	21	N	E	 	V	No	
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	N			v	.50-60, .56-1(b)	
Caustic soda solution	CSS	5	Y		10		.50-73, .55-1(j)	
Crolonaldehyde	CTA	19	- <u>·</u>	С	11	т —	.55-1(h)	
Coal far pitch (molten)	CTP	33	N	E][]		.50-73	
I,N-Dimethylacetamide	DAC	10	N	E	 	т —	.56-1(b)	
,1-Dichloroethane	DCH	36	N	C	111		No	
Dichloromethane	DCM	36	N	NF			No	
Dimethylethanolamine	DMB	8	N	D D			.56-1(b), (c)	
	DMX	15	N		 	V	No	
hichloropropene, Dichloropropane mixtures	DOT	7	N	E	- 111		.56-1(b)	
Odecyldimethylamine, Tetradecyldimethylamine mixture	DPB	36	N	C	III	Т	No	
.1-Dichloropropane	DPC	36	N	C	~		No	
,3-Dichloropropane	DPP	36	N	C	111	<u>'</u>	No	
,2-Dichloropropane	DPU		N	D	- 115		No	
,3-Dichloropropene		15). V		
1,1-, 1,2-, or 1,3-Dichloropropane	DPX	36	N	С	101		.50-70(a), .50-81(a), (b)	
Ithyl acrylate	EAC	14	N.	C	- 111		.50-70(a), .50-81(a), (b)	
-Ethylhexyl acrylate	EAI	<u> 14</u>	N	E		<u></u>	No	
thylene dichloride	EDC	36	Y	C		- <u>v</u> -	No	
thylene glycol propyl ether	EGP	40	_ <u>N</u>	E	111		.50-5, .50-74	
thylidene norbornene	ENB	30	Y	D	<u> </u>			
-Ethyl-3-propylacrolein	EPA	19	Υ	E	Ш		No No	
thylene cyanohydrin	ETC	20	N	_ E	186		No	
thyl methacrylate	ETM	14	N	С			.50-70(a)	
thylene dichloride, 1,1,2-Trichloroethane mixture	ETX						- Cran	
urfural	FFA	19	N	Ε	III	V	.55-1(h)	
formaldehyde solution (37% to 50%)	FMS	19 19	Y	D/E		V	.55-1(h)	
	GTA		N	NF	111		No	

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



Department of Transportation **United States Coast Guard**

Serial #:

VN94001420 26-May-00

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 199 Official #: D999970

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Shipyard: TRINITY MARI

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Cargo Identification					Conditions of Carriage		
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Name	Chem Code	Group No	Exc	Grade	Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction
Isoprene	IPR	30	N	Α	107		.50-70(a), .50-81(a), (b)
Methyl acrylate	MAM	14	N	С	111	V	50-70(a), .50-81(a), (b)
Methylcyclopentadiene dimer	MCK	30	N	С	111	V	No
Methyl diethanolamine	MDE	8	N	E	10)		56-1(b), (c)
Methylstyrene, Indenes, Alkylbenzene mixtures	MIA						
Methyl methacrylate	МММ	14	N	С	111	V	50-70(a), .50-81(a), (b)
Mesityl oxide	MSO	18	Υ	D	())	V	No
Mesityl oxide	MSO	18	Υ	D	Ш	V	No
aipha-Methylstyrene	MSR	30	N	D	111	V	.50-70(a), .50-81(a), (b)
Coal tar naphtha solvent	NCT	33	N	D	111	V	50-73
1- or 2-Nitropropane	NPM	42	N	D	Ш		.50-81
Phthalic anhydride (molten)	PAN	11	N	E	III		No
Propanolamine (iso-, n-)	PAX	8	N	Ε	III .		.56-1(b), (c)
1,3-Pentadiene	PDE	30	N	Α	101		.50-70(a), .50-81
Perchloroethylene	PER	36	N	NF	Ш		No
3-Pentenenitrile (crude)	PNT	37	N	D			
Sodium chlorate solution (50% or less)	SDD	0	Υ	NF	01		50-73
Styrene tar	STT	33	N	E			
Styrene (crude)	STX	30	N	С	D)	V	No
Styrene	STY	30	N	D	(11	V	.50-70(a), 50-81(a), (b)
Sewage, raw	SWR						
Frichloroethylene	TCL	36	Υ		III	V	No
1,1,2,2-Tetrachloroethane	TEC	36	N	NF	111		No
Tetrahydrofuran Tetrahydrofuran	THF	41	N	C	113	V	.50-70(b)
Jrea, Ammonium nitrate solution (containing more than2% Ammonia)	UAS	6	N		111		.56-1(b)
Vinyl acetate	VAM	13	N	С	HI	V	.50-70(a), .50-81(a), (b)

Explanation of terms & symbols used in the Table:

Cargo Identification Chem Code

The proper shipping name as listed in 46 CFR Table 151.05.

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 IL. 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.

Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150

Exceptions (Exc)

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

A. B, C D, E NA, NF

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.

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 hul classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151 10-1.

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