

Certification Date 12 Mar 2020 12 Mar 2025 Expiration Date

Certificate of Inspection

SAFE MANNING DOCUMENT

Vessel Name

Official Number

IMO Number

CBC 342

1222667

Tank Barge

Service

Hailing Port

NEW ORLEANS, LA

Hull Matenal

Steel

Horsepower

Propulsion

Call Sign

UNITED STATES

Place Built

ASHLAND CITY, 'N

Delivery Date

Keel Laid Date

Gross Tons R 1619

Net Tons

OWT

Length

31Dec2009 07Oct2009

R-1619

R-297 5

1-0

UNITED STATES

Owner

CANAL BARGE COMPANY INC 1801 ENGINEERSROAD BELLE CHASSE, LA 70037 UNITED STATES

CANAL BARGE COMPANY 1801 Engineers Road Belle Chasse, LA 70037 UNITED STATES

This vessel must be nanned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmin, 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 Second Mates

0 First Class Pilots 0 Radio Officers

0 First Assistant Engineers 0 Second Assistant Engineers

0 Third Mates

0 Able Seamen

0 Third Assistant Engineers

0 Master First Class Pilot 0 Mate First Class Pilots

0 Ordinary Seamen

0 Deckhands

0 Licensed Engineers 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 plus Limited Coastwise---

Also, in fair weather only, coastwise, 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 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 charge in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined

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 A/P/R Signature Zone Date and work 4. 2010 P Kendall white Manel

This certificate issued by:

Nicole D. Rodriguer CDR, USCG, By Direction

Officer in Charge, Manne Inspects

Sector Houston-Galveston

Inspection Zone

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

OMB No. 2115-0517



Certification Date: 12 Mar 2020 Expiration Date: 12 Mar 2025

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

| | | Offic | cial Number | IMO Num | ber | Call Sign | Service | | |
|--|---|--|---------------|-------------------|---------------------------|-----------------------------------|-----------------------------|----------------------------------|--|
| CBC 342 | | 12 | 22667 | | | | Tank Barge | | |
| Hailing Port. | | | Hull Material | Hore | epower | Propulsion | | | |
| NEW ORLEA | NS, LA | | Steel | 110131 | SPOW OF | riopulatori | | | |
| UNITED STA | TES | | | | | | | | |
| Place Built | | | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length | |
| ASHLAND CI | TY, TN | | 31Dec2009 | 07Oct2009 | R-1619 | R-1619 | | R-297.5 | |
| UNITED STA | TES | | | | Ь | l÷ | | 10 | |
| Owner CANAL BARG 1801 ENGINE BELLE CHAS UNITED STAT | ERS ROAD SE, LA 70037 | 2.50 | | 1801 Belle | | A 70037 | | | |
| This vessel mu 0 Certified Life | | | | | | l. Included in w SS Operators. | which there m | ust be | |
| 0 Masters | | 0 Licensed Mates | 0 Chief | Engineers | 0.0 | lilers | | | |
| 0 Chief Mates | | 0 First Class Pilot | s 0 First A | Assistant Enginee | ers | | | | |
| 0 Second Mate | es | 0 Radio Officers | 0 Secon | nd Assistant Engi | neers | | | | |
| 0 Third Mates | | 0 Able Seamen | 0 Third | Assistant Engine | ers | | | | |
| 0 Master First | | 0 Ordinary Seame | | sed Engineers | | | | | |
| 0 Mate First C In addition, this Persons allow | s vessel may o | 0 Deckhands carry 0 Passen | | r Persons in cr | | ons in addition t | o crew, and r | no Others. Total | |
| . 9,04/16/4/15 | 7.7.1.7. | ditions Of Op | eration: | | | | | | |
| | | Sounds plu | | Coastwis | e | | | | |
| Also, in fair Carrabelle, ! This vessel ! | r weather onl Florida. has been gran | y, coastwise | , not more | than twelve | (12) miles | from shore b | ce with 46 (| CFR 31.10-21(a) | |
| inspected us: | ing salt wate | perated in sa er intervals change in sta | as per 46 C | FR 31.10-21 (a | nths in any a)(1), and | y 12 month pe the cognizan | riod, the ve t OCMI must | essel must be be notified in | |
| | | | | | | istrict's Tan | k Barge Stre | eamlined | |
| ***OFF NEW | T PAGE FOR | RADDITIONA | L CERTIFIC | CATE INFORM | MATION*** | | | | |
| SEE NEX | ection for Certif | | fied the vess | el, in all respec | | | | Charge, Marine ressel inspection | |
| With this Inspe Inspection, Se | ctor Houston-C | | ea mereumae | | | | | | |
| With this Inspe | ctor Houston-Cules and regula | | | | his certificat | te issued by: | | | |
| With this Inspe Inspection, Se | ctor Houston-Cules and regula | ations prescrib | | T | | | CDR, USCG, | By Direction | |
| With this Inspection, Se laws and the re | ctor Houston-0 ules and regula Annual/Per | ations prescrib iodic/Re-Inspe A/P/R | ction | re or | | D. Rodrigues | CDR, USCG, | | |



Certification Date: 12 Mar 2020 Expiration Date: 12 Mar 2025

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

| | | Official Nu | ımber | IMO Num | ber | Call Sign | Service | | |
|--|---|--|---|--|---|---|---|---|--|
| CBC 342 | | 12226 | 67 | | | | Tank Barge | | |
| failing Port | | | | | | - | | | |
| NEW ORLEA | NS, LA | | Iuli Material Steel | Horse | epower | Propulsion | | | |
| UNITED STA | TES | | | | | | | | |
| Place Built | | Deliv | ery Date | Keel Laid Date | Gross Tons | Net Tons | | | |
| ASHLAND C | ITY, TN | | | 1 | R-1619 | Net 1005 R-1619 | DWT | Length R-297.5 | |
| I INITED OTA | | 310 | Dec2009 | 07Oct2009 | l- | h-1015 | | 1-0 | |
| UNITED STA | ITES | | | | | | | 10 | |
| Wher CANAL BAR | GE COMPAN | VINC | | Operate | | | | | |
| 801 ENGINE | EERS ROAD | T INC | | | | COMPANY | | | |
| BELLE CHAS | SE. LA 7003 | 7 | | | Engineers Chasse, L | | | | |
| UNITED STA | TES | | | | TED STATE | | | | |
| Say | | | | | | F-03/2 | 360 | | |
| This vessel made in the Control of t | ust be manne eboatmen, 0 | ed with the following Certified Tankerme | licensed n, 0 HSC | and unlicense Type Rating, | d Personne and 0 GMD | I. Includeu | ich there r | nust be | |
| 0 Masters | | 0 Licensed Mates | | Engineers | | ilers | | and the second | |
| 0 Chief Mates | Santana yan 1890 | 0 First Class Pilots | | Assistant Enginee | | | | | |
| 0 Second Mai | | 0 Radio Officers | | nd Assistant Engi | | | | | |
| | | | | id / Woold tall the Lings | neers | | | | |
| 0 Third Mates | * | 0 Able Seamen | | | | | | | |
| 0 Master First | t Class Pilot | Able Seamen Ordinary Seamen | 0 Third | Assistant Engine sed Engineers | | | | | |
| 0 Master First 0 Mate First 0 | t Class Pilot Class Pilots | 0 Ordinary Seamen 0 Deckhands | 0 Third 0 Licens 0 Qualif | Assistant Engine sed Engineers | ers | | | | |
| 0 Master First 0 Mate First 0 | t Class Pilot Class Pilots | 0 Ordinary Seamen | 0 Third 0 Licens 0 Qualif | Assistant Engine sed Engineers | ers | ons in addition t | to crew, and | no Others. Total | |
| 0 Master First 0 Mate First C n addition, thi Persons allow | t Class Pilot Class Pilots is vessel may ved: 0 | 0 Ordinary Seamen 0 Deckhands carry 0 Passengers | 0 Third 0 Licens 0 Qualif s, 0 Other | Assistant Engine sed Engineers | ers | ens in addition t | to crew, and | no Others. Total | |
| 0 Master First 0 Mate First 0 In addition, thi Persons allow Route Perm | t Class Pilot Class Pilots is vessel may yed: 0 uitted And Co | 0 Ordinary Seamen 0 Deckhands carry 0 Passengers | 0 Third 0 Licens 0 Qualif s, 0 Other | Assistant Engine sed Engineers fied Member Engi r Persons in cr | ers ineer ew, 0 Perso | ons in addition t | to crew, and | no Others. Total | |
| 0 Master First 0 Mate First C In addition, thi Persons allow Route Perm Lakes, I | t Class Pilot Class Pilots is vessel may yed: 0 iitted And Co Bays, and | 0 Ordinary Seamen 0 Deckhands carry 0 Passengers anditions Of Opera | 0 Third 0 Licens 0 Qualiti s, 0 Other tion: | Assistant Engine sed Engineers fied Member Engineer Persons in cr | ers ineer ew, 0 Perso | | | | |
| 0 Master First 0 Mate First 0 In addition, this Persons allow Route Perm Lakes, I Also, in fai Carrabelle, This vessel (2). If this | t Class Pilot Class Pilots is vessel may yed: 0 iitted And Co Bays, and r weather or Florida. has been gra | 0 Ordinary Seamen 0 Deckhands carry 0 Passengers anditions Of Opera Sounds plus I | 0 Third 0 Licens 0 Qualifi s, 0 Other tion: Limited of more | Assistant Engine sed Engineers fied Member Engine r Persons in cr | ers ineer ew, 0 Perso e (12) miles | from shore b | etween St. | Marks and | |
| 0 Master First 0 Mate First 0 Mate First 0 In addition, this Persons allow Route PermLakes, I Also, in fai Carrabelle, This vessel (2). If this inspected us writing as s This tank ba | t Class Pilot Class Pilots is vessel may yed: 0 iitted And Co Bays, and r weather or Florida. has been gra ivessel is co ing salt wat soon as this arge is partic | O Ordinary Seamen O Deckhands carry O Passengers anditions Of Opera Sounds plus haly, coastwise, n anted a fresh wat operated in salt carring in the | 0 Third 0 Licens 0 Qualifi s, 0 Other tion: Limited ot more er servi water mo per 46 C occurs. Eighth a | Assistant Engine sed Engineers fied Member Engineers r Persons in cr | ers neer ew, 0 Perso (12) miles on interval nths in an a) (1), and | from shore b l in accordan y 12 month pe the cognizan | etween St. ace with 46 criod, the ac OCMI mus | Marks and CFR 31.10-21(a vessel must be t be notified i | |
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| 0 Master First 0 Mate First 0 Mate First 0 In addition, this Persons allow Route PermLakes, I Maso, in fair Carrabelle, This vessel (2). If this inspected us writing as suriting as s | t Class Pilot Class Pilots is vessel may yed: 0 iitted And Co Bays, and r weather or Florida. has been gra i vessel is c ing salt wat oon as this arge is parti CT PAGE FO ection for Cer ector Houston rules and requ Annual/Pe | O Ordinary Seamen O Deckhands carry O Passengers anditions Of Opera Sounds plus I anted a fresh wat operated in salt carring in the OR ADDITIONAL Of tification having bee Galveston certified clations prescribed to criodic/Re-Inspectio | 0 Third 0 Licens 0 Qualifi s, 0 Other tion: Limited er servi water mo per 46 C occurs. Eighth a CERTIFIC en complet I the vess thereunden | Assistant Engine sed Engineers fied Member Engineers fied Member Enginer Persons in crutical Coastwis than twelve ce examinating than 6 mo FR 31.10-21 (and Ninth Coast CATE INFOR eted at Houstonel, in all respective. | ers neer ew, 0 Perso (12) miles on interva nths in an a) (1), and st Guard D MATION*** on, TX, UNIT cts, is in cor | from shore but in accordancy 12 month per the cognizance istrict's Tarking FED STATES, informity with the te issued by: D. Rodrigues tanne Inspection | netween St. ace with 46 riod, the at OCMI mus ak Barge St the Officer i e applicable | Marks and CFR 31.10-21(all vessel must be to be notified in reamlined n Charge, Marine vessel inspection 6, By Direction | |



Certification Date: 12 Mar 2020 Expiration Date: 12 Mar 2025

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| Vessel Name | Official Nu | mber | IMO Num | ber | Call Sign | Service | |
|---|---|----------------------|-----------------------|---|---------------------------------|---------------|-----------------|
| CBC 342 | 12226 | 67 | | | | Tank B | arge |
| Hailing Port | н | ull Material | Horse | power | Propulsion | | |
| NEW ORLEANS, LA | | Steel | 110130 | ,504461 | Fropulsion | | |
| UNITED STATES | | | | | | | |
| Place Built | Delive | ery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length |
| ASHLAND CITY, TN | 310 | Dec2009 | 07Oct2009 | R-1619 I- | R-1619 | | R-297 5 |
| UNITED STATES | | | | i- | 1- | | 1-0 |
| CANAL BARGE COMPA 1801 ENGINEERS ROAL BELLE CHASSE, LA 700 UNITED STATES This vessel must be mann 0 Certified Lifeboatmen, 0 |) 137 ned with the following | | 1801 Belle UNIT | AL BARGE Engineers Chasse, LA ED STATE | A 70037 S . Included in w | hich there mi | ust be |
| 0 Masters | 0 Licensed Mates | | Engineers | | ilers | | |
| 0 Chief Mates | 0 First Class Pilots | | Assistant Enginee | | | | |
| 0 Second Mates | 0 Radio Officers | | nd Assistant Engir | | | | |
| 0 Third Mates | 0 Able Seamen | | Assistant Engine | | | | |
| 0 Master First Class Pilot | 0 Ordinary Seamen | 0 Licens | sed Engineers | | | | |
| 0 Mate First Class Pilots | 0 Deckhands | 0 Qualif | ied Member Engir | neer | | | |
| In addition, this vessel ma Persons allowed: 0 | y carry 0 Passengers | , 0 Other | Persons in cre | ew, 0 Perso | ns in addition to | crew, and n | o Others. Total |
| Route Permitted And C | onditions Of Operat | ion: | | | | | |
| Lakes, Bays, and | • | | l Coastwise | 9 | | | |
| Also, in fair weather of Carrabelle, Florida. | only, coastwise, no | ot more | than twelve (| 12) miles | from shore be | tween St. M | arks and |
| This vessel has been gr (2). If this vessel is inspected using salt wa writing as soon as this | operated in salt w ater intervals as p | ater mo: er 46 Cl | re than 6 mon | ths in any | 12 month per | iod, the ve | ssel must be |
| This tank harge is part | ricipating in the F | lighth a | ad Nickh Coo | + G | | D 01 | |

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/Peri | odic/Re-Inspe | ction | This certificate issued by: |
|------|-------------|---------------|-----------|--|
| Date | Zone | A/P/R | Signature | Nicole D. Rodrigue CDR, USCG, By Direction |
| | | | | Officer in Charge, Marine Inspecting |
| | | | | Sector Houston-Galveston |
| | | | | Inspection Zone |



Certification Date: 12 Mar 2020 Expiration Date: 12 Mar 2025

Certificate of Inspection

Vessel Name: CBC 342

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 OCMI, Sector New Orleans.

---Hull Exams---

 Exam Type
 Next Exam
 Last Exam
 Prior Exam

 DryDock
 31Mar2030
 12Mar2020
 31Dec2009

 Internal Structure
 31Mar2025
 12Mar2020
 13Jan2015

--- 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

26700 Barrels A Yes Yes No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

-

| l | lank Number | Max Cargo Weight per Tank (short tons) | Maximum Density (lbs/gal) |
|---|-------------|--|---------------------------|
| | 1 P/S | 829 | 8.74 |
| | 2 P/S | 812 | 8.74 |
| | 3 P/S | 773 | 8.74 |

Loading Constraints - Stability

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|-----------|---------------------------|--------------------------|--------------------------|-------------------|
| III | 4598 | 11ft 6in | 8.74 | R, LBS, LC 0-12 |
| 11 | 3602 | 9ft 6in | 8.74 | R, LBS, LC 0-12 |

Conditions Of Carriage

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), Serial #C1-0903400, dated December 9, 2009, may be carried, and then only in the tanks indicated.

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, Part150, 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.

Inspected and approved for the carriage of Grade E combustible liquids when transported in molten form at elevated temperatures.

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.

The maximum density of cargo which may be filled to the tank top is 8.74 lbs/gal. Cargoes with higher densities, up to 13.65 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

--- Inspection Status ---



Certification Date: 12 Mar 2020 Expiration Date: 12 Mar 2025

Certificate of Inspection

Vessel Name: CBC 342

Fuel Tanks

Internal Examinations

Tank ID Previous Last Next

main deck centerline - 31Dec2009

Cargo Tanks

| | Internal Exam | | | External Ex | am | |
|---------|---------------|-----------|------------|-------------|------|------|
| Tank Id | Previous | Last | Next | Previous | Last | Next |
| 1 P/S | 31Dec2009 | 12Mar2020 | 31Mar2030 | - | (2) | G. |
| 2 P/S | 31Dec2009 | 12Mar2020 | 31Mar2030 | _ | E 1 | - |
| 3 P/S | 31Dec2009 | 12Mar2020 | 31Mar2030 | | - | - |
| | | | Hydro Test | | | |
| Tank ld | Safety Valves | 3 | Previous | Last | Next | |
| 1 P/S | 4.0 | | - | 40 | 191 | |
| 2 P/S | 40 | | - | | re- | |
| 3 P/S | 141 | | 2 | _ | 16 | |

---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

3 40-B

END



C1-0903400 Dated:

09-Dec-09

Certificate of Inspection

Cargo Authority Attachment

Vessel Name: CBC 342 Official #: 1222667

Shipyard: TRINITY ASHLAND CITY

Hull #: 4695

| Tank Group Information | | Cargo Identification | | Group Information Cargo | | Cargo Identification | | Cargo Identification | | Cargo Identification | | Cargo Identification | | Cara | | Tanks | | Carg Tran | | Enviror Control | | Fire | Special Require | ments | | |
|------------------------|-------------------|----------------------|-------|-------------------------|-------------|----------------------|---------------------|----------------------|-------|----------------------|------|----------------------|-------------------|------------------------|--|--|-------------|--------------|--|--------------------|--|------|-----------------|-------|--|--|
| Tnk Grp | Tanks in Group | Density | Press | Temp. | Hull Typ | | _ | Vent | Gauge | Pipe Class | Conl | Tanks | Handling Space | Protection Provided | General | Materials of Construction | Elec Haz | Temp Cont | | | | | | | | |
| A | #1P/S,#2P/S,#3P/S | 8.74 | Atmos | Elev | II | 1ii 2ii | Integral Gravily | PV | Open | II | G-1 | NR | NA | Portable | 40-1(f)(1), 50-60, 50-70(a), 50-7, 50-70, 50-73, 50-81(a), 50-81(b), | 55-1(h), 56-1(a), (d), (e), (f), (g), | NR | Yes | | | | | | | | |

Notes: 1 Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.

2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space NR means that the vessel does not have a cargo control space, and this requirement is not applied

3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location

List of Authorized Cargoes

| Cargo Iden | tification | | | | | Conditions of Carriage | | | | | | |
|---------------------------------|--------------|--------------------|----------------|-------|--------------|------------------------|-------------------|-----------------|---|-----------------|--|--|
| | | | 1 | | | _ 1 | Vapor R | ecovery | | | | |
| Name | Chem Code | Compat Group No | Sub Chapter | Grade | Hull Type | Tank Group | App'd (Y or N) | VCS Category | Special Requirements in 46 CFR 151 General and Mat'ls of | Insp. Period | | |
| Authorized Subchapter O Cargoes | | | | | | | | | | | | |
| Adiponitrile | ADN | 37 | 0 | E | Н | Α | No | N/A | No | G | | |
| Alkyl(C7-C9) nitrates | AKN | 34 ² | 0 | NA | Ш | Α | No | N/A | 50-81, 50-86 | G | | |
| Butyraldehyde (all isomers) | BAE | 19 | 0 | С | Ш | Α | No | N/A | .55-1(h) | G | | |
| Camphor oil (light) | CPO | 18 | 0 | D | Ш | Α | No | N/A | No | G | | |
| Cresols (all isomers) | CRS | 21 | 0 | E | Ш | Α | No | N/A | No | G | | |
| Ethylene cyanohydrin | ETC | 20 | 0 | Е | 111 | Α | No | N/A | No | G | | |
| Ethylene glycol hexyl ether | EGH | 40 | 0 | Ε | 310 | Α | No | N/A | No | G | | |
| Ethylene glycol propyl ether | EGP | 40 | 0 | Е | Ш | Α | No | N/A | No | G | | |
| 2-Ethylhexyl acrylate | EAI | 14 | 0 | E | Ш | Α | No | N/A | .50-70(a), 50-81(a), (b) | G | | |
| Isoprene | IPR | 30 | 0 | Α | Ш | Α | No | N/A | .50-70(a), 50-81(a), (b) | G | | |
| Styrene monomer | STY | 30 | 0 | D | Ш | Α | No | N/A | .50-70(a), 50-81(a), (b) | G | | |
| Vinyl acetate | VAM | 13 | 0 | С | Ш | Α | No | N/A | 50-70(a), 50-81(a), (b) | G | | |
| Vinyl neodecanate | VND | 13 | 0 | Е | 18 | Α | No | N/A | 50-70(a), 50-81(a), (b) | G | | |



Serial #: Dated:

C1-0903400

09-Dec-09



Certificate of Inspection

The proper shipping name as listed in 46 CFR Table 30 25-1, 46 CFR Table 151 05, and 46 CFR Part 153 Table 2.

The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual

Cargo Authority Attachment

Vessel Name: CBC 342 Official #: 1222667

Page 2 of 2

Shipyard: TRINITY ASHL

Hull #: 4695

Explanation of terms & symbols used in the Table:

Cargo Identification

Name

Chem Code

Compalability Group No

Note 1

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.

Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility

Chart. For additional compatibility information, contact Commandant (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 372-1425 Note 2

Subchapter Subchapter D

Subchapter O

Grade

A, B, C Note 4 The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified.

Those flammable and combustible liquids listed in 46 CFR Table 30.25-1.
Those hazardous cargoes listed in 46 CFR Table 151.05 and 46 CFR Part 153 Table 2

Certain mixtures of cargoes may not have a CHRIS Code assigned.

See Appendix I to 46 CFR Part 150 - exceptions to the compatability chart.

Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges

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.

Flammable liquid cargoes, as defined in 46 CFR 30-10 22.

Combustible liquid cargoes, as defined in 46 CFR 30-10 15.

The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. 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. 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 NA

NA

The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.

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).

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).

Not applicable to barges certificated under Subchapter D.

Conditions of Carriage

Tank Group Vapor Recover Approved (Y or N) The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo

Conditions of Carriage

Tank Group Vapor Recover Approved (Y or N) The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo

Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo

VCS Category:

The specified cargo's provisional classification for vapor control systems

Category 1

(No additional VCS requirements above those for benzene, gasolines and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155,750, 33 CFR 156 120, 33 CFR 156 170, 46 CFR 35 35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39 20-11) and the pressure drop calculations (46 CFR 39 30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates

Category 2

(Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety componenets and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester.

Category 3

(Highly toxic) VCSs for these toxic cargoes cannot use a spill valve or rupture disk as the primary means to meet the overfill protection requirement of 46 CFR 39 20-9 This requirement is in addition to the requirements of Category 1

Category 4

(Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3

Category 5

(High yapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air mixture densities and vapor growth rates as compared to Category 1 cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1.

Category 6 Category 7

(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5 (High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5,

поле

The cargo has not been evaluated/classified for use in vapor control systems