

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

Certification Date: 13 Jun 2023 Expiration Date: 13 Jun 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,

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UNITED STATES  Control HIGMAN BARGE LINES INC HIGMAN BARGE LINES INC SWAUGH DR STE 1000 HOUSTON, TX 77007 UNITED STATES  This vessel must be manned with the following licensed and uniticensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.  This vessel must be manned with the following licensed and uniticensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.  O Mestere  O Clider Meles  O First Cleas Pilots  O Redo Officers  O Second Assistant Engineers  O Third Metes  O Able Seamen  O Third Assistant Engineers  O Master First Class Pilots  O Ordinary Seamen  O Undersed Engineers  O Master First Class Pilots  O Ordinary Seamen  O Undersed Engineers  O Master First Class Pilots  O Deckhands  O Qualified Member Engineers  O Master First Class Pilots  O Deckhands  O Outlensed Engineers  O Master First Class Pilots  O Deckhands  O Outlensed Engineers  O Master First Class Pilots  O Deckhands  O Outlensed Engineers  O Water First Class Pilots  O Deckhands  O Outlensed Engineers  O Water First Class Pilots  O Deckhands  O Outlensed Engineers  O Water First Class Pilots  O Deckhands  O Outlensed Engineers  O Third Assistant Engineers  O Master First Class Pilots  O Deckhands  O Outlensed Engineers  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Third Assistant Engineers  O Third Assistant Engineers  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Had Seamen  O Third Assistant Engineers  O Had Seamen  O Thir	Madisonville, LA				22Mar2013				
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O Chief Metes O Licensed Mates O Chief Metes O Chief Metes O First Class Pilots O Second Assistant Engineers O Third Mates O Radio Officers O Second Assistant Engineers O Third Mates O Able Seamen O Third Assistant Engineers O Third Mates O Able Seamen O Third Assistant Engineers O Third Mates O Able Seamen O Third Assistant Engineers O Mate First Class Pilots O Ordinary Seamen O Uclensed Engineers O Mate First Class Pilots O Octobrows O Deckhands O Qualified Member Engineer  In addition, this vessel may carry O Passangers, O Other Persons in crew, O Persons in addition to crew, and no Others. Total Persons allowed: O  Route Permitted And Conditions Of Operation: ——Lakes, Bays, and Sounds——  THIS TANK BARGE IS PARTICIPATING IN THE EIGHTH-NINTH COAST GUARD DISTRICT'S TANK BARGE STREAMLINED INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH ITS TANK BARGING THAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH ITS TANK BARGING THAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH 15 TANK BARGING THAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH 15 TANK BARGING THAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—GALVESTON, TEXAS.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 16 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATIO	HIGMAN BARG 55 WAUGH DR HOUSTON, TX	STE 1000 77007			KIR 183 Cha	BY INLAND 50 Market S innelview, TX	treet K 77530		
O Masters O Chief Mates O Chief Mates O First Class Pilots O First Class Pilots O First Assistant Engineers O Second Mates O Third Mates O Able Seamen O Third Assistant Engineers O Master First Class Pilots O Made First Class Pilots O Deckhands O Ucensed Engineers O Master First Class Pilots O Deckhands O Qualified Member Engineer  O Mater First Class Pilots O Deckhands O Qualified Member Engineer  In addition, this vessel may carry O Passengers, O Other Persons in crew, O Persons in addition to crew, and no Others. Total Persons allowed: O  Route Permitted And Conditions Of Operation:  —Lakes, Bays, and Sounds——  THIS TANK BARGE IS PARTICIPATING IN THE EIGHTH-NINTH COAST GUARD DISTRICT'S TANK BARGE STREAMLINED INSPECTION PLAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH ITS TANK BAR ACTION PLAN (TAP). INSPECTION ISSUES CONCERNING THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—GALVESTON, TEXAS.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.  THIS VESSEL HAS BEEN GRANTED AS THE CHANGE IN STATUS OCCURS.  ****SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION***  With this inspection for Certification having been completed by Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  This certificate issued by:  LIGHBAPON, DR SCRIB, By Direction  Gescer in Charge, Marine Inspection  Cescer in Charge, Marine  LIGHBAPON, DR SCRIB, By Direction	This vessel mus	t be manned v	with the follow	wing licensed	and unlicense Type Rating,	ed Personne , and 0 GMD	i). Included in o	which there r	nust be
O Chief Metes O Second Mates O Radio Officers O Second Assistant Engineers O Third Mates O Able Seamen O Third Assistant Engineers O Master First Class Pilot O Able Seamen O Licensed Engineers O Master First Class Pilot O Master First Class Pilot O Deckhands O Qualified Member Engineer In addition, this vessel may carry O Passengers, O Other Persons in crew, O Persons in addition to crew, and no Others. Total Persons allowed: O  Route Permitted And Conditions Of Operation:  —Lakes, Bays, and Sounds—  THIS TANK BARGE IS PARTICIPATING IN THE EIGHTH-NINTH COAST GUARD DISTRICT'S TANK BARGE STREAMLINED INSPECTION ACTIVITIES ABOAD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH 1TS TANK BARGE INSPECTION ACTIVITIES ABOAD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH 1TS TANK BARGE CALVESTON, TEXAS.  THIS VESSEL HAS BEEN GRANTED A FRESH MATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.21(b): If THIS VESSEL HAS BEEN GRANTED A FRESH MATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31.10-21(a) AND THE COGNIZANT OCMI 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 by Houma, LA, UNITED STATES, the Officer in Charge, Marine rules and regulations prescribed the reunder.  Annual/Periodic/Re-Inspection  This certificate Issued by:  LUCENDADON; DR SUBJECTION  HELD CORDANA AND THE COMPILATION  This certificate Issued by:  LUCENDADON; DR SUBJECTION  HELD CORDANA AND THE COMPILATION  This certificate Issued by:  LUCENDADON; DR SUBJECTION  CECCHO CHARGE IN Charge, Marine Inspection  This certificate Issued by:  LUCENDADON; DR SUBJECTION  CECCHO Charge, Marine Inspection  This certificate Issued by:  LUCENDADON; DR SUBJECTION  HELD COMPILATION  CECCHO CHARGE IN C						0.0	Dilers	S	
O Second Males O Third Mates O Able Seamen O Third Assistant Engineers O Master First Class Pilot O Ordinary Seamen O Uclensed Engineers O Master First Class Pilot O Deckhands O Deckhands O Qualified Member Engineer In addition, this vessel may carry O Passengers, O Other Persons in crew, O Persons in addition to crew, and no Others. Total Persons allowed:  Route Permitted And Conditions Of Operation: —Lakes, Bays, and Sounds——  THIS TANK BARGE IS PARTICIPATING IN THE EIGHTH-NINTH COAST GUARD DISTRICT'S TANK BARGE STREAMLINED INSPECTION PROGRAM (TRSIP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH 1TS TANK BARGE AND THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—ACTION PLAN (TAP). INSPECTION ISSUES CONCERNING THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—ACTION PLAN (TAP). INSPECTION ISSUES CONCERNING THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—ACTION PLAN (TAP). INSPECTION ISSUES CONCERNING THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—ACTION PLAN (TAP). INSPECTION ISSUES CONCERNING THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—ACTION PLAN (TAP). INSPECTION ATTERN WATER WATER WATER HORE THAN SIX (6) MONTHS IN ANY THELVE (12) MONTH PERSIOD, TAVESSEL HUST BE INSPECTED USING GALT WATER INTERVALS PER 46 CPR TABLE 31.10-21(3) AND THE COGNIZANT OCMI PURSSEL HUST BE INSPECTED USING GALT WATER INTERVALS PER 46 CPR TABLE 31.10-21(3) AND THE COGNIZANT OCMI  ***SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION***  With this inspection for Certification having been completed by Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  Date  Zone  APP/R  Signature  Chicar in Charge, Marine  House Annual/Periodic/Re-Inspection  This certificate inspection  CHICARD AND THE ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION	- 14150-1010	-			Assistant Engine	2196			
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O Master First Class Pilots    O Mater First Class Pilots    O Deckhands    O 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:			Able Seamen	0 Thin	d Assistant Engl	eers			*
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 TANK BARGE IS PARTICIPATING IN THE EIGHTH-NINTH COAST GUARD DISTRICT'S TANK BARGE STREAMLINED INSPECTION ACTIVITIES ABOARD THIS BARGE SHALL BE CONDUCTED IN ACCORDANCE WITH ITS TANK BARGE ACTION PLAN (TAP). INSPECTION ACTIVITIES ABOARD THIS BARGE SHOULD BE DIRECTED TO THE OCMI SECTOR HOUSTON—CALVESTON, TEXAS.  THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31. THIS VESSEL HAS BEEN GRANTED A FRESH WATER MORE THAN SIX (6) MONTHS IN ANY TWELVE (12) MONTH PERIOD, TO VESSEL MUST BE INSPECTED USING BALT WATER INTERVALS PER 46 CFR TABLE 31.10-21(a) AND THE COGNIZANT OCMI 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 by Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  This certificate issued by:  UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  This certificate issued by:  UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  This certificate issued by:		lass Pilot 0	Ordinary Seam	en C'Lice	nsed Engineers				
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 tank barge is participating in the eighth-ninth coast guard district's tank barge streamlined inspective program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its tank barge notion plan (TAP). Inspection issues concerning this barge should be directed to the own sector houston—calveston, texas.  This vessel has been granted a fresh water service examination interval in accordance with 46 cer table 31. 21(b): 1F this vessel is operated in Salt water more than six (6) months in any there (12) month period, to vessel hust be inspected using galt water intervals per 46 cer table 31.10-21(a) and the cognizant ocmi 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 by the rules and regulations prescribed thereunder.  Annual/Periodic/Re-inspection  This certificate issued by:  Live Participation to certification desired the vessel, in all respects, is in conformity with the applicable vessel inspection laws of the rules and regulations prescribed thereunder.  Annual/Periodic/Re-inspection  This certificate issued by:  Live Participation for Certification for Cert	O Made Elect Clo	ee Dilete (	Deckhands	0 Qua	lified Member En	gineer			
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THIS VESSEL HAS BEEN GRANTED A FRESH WATER SERVICE EXAMINATION INTERVAL IN ACCORDANCE WITH 46 CFR TABLE 31. 21 (b): 1F THIS VESSEL IS OPERATED IN SALT WATER MORE THAN SIX (6) MONTHS IN ANY TWELVE (12) MONTH PERIOD, TWESSEL MUST BE INSPECTED USING SALT WATER INTERVALS PER 46 CFR TABLE 31.10-21 (a) AND THE COGNIZANT OCMINOTIFIED 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 Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws to the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  This certificate issued by:  Live BASON; OR SUBJECTION  CHICAGO IN THE COGNIZANT OCMINATION OCCURS.  ****  ****  ****  ****  ****  ***	THIS TANK BARE PROGRAM (TBSI	ays, and S  GE IS PARTIC P). INSPECTI TAP). INSPEC	Sounds	THE EIGHTH					
With this Inspection for Certification having been completed at Houma, LA, UNITED STATES, the Officer in Charge, Marine Inspection, Houma, Louisiana certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws at the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  Date Zone A/P/R Signature  Liter BADON; CDR SCO; By Direction  Glicer in Charge, Marine Inspection Charge, Marine Inspection Charge, Marine Inspection Inspection Charge, Marine Inspection Inspecti	THIS VESSEL H 21(b); IF THI VESSEL MUST B NOTIFIED IN W	AS BEEN GRAN S VESSEL IS E INSPECTED RITING AS SC	OPERATED IN USING SALT OON AS THIS	MATER INTE	RYALS PER 46 STATUS OCCURS	CFR TABLE	31.10-21(a)	NCE WITH 40 NELVE (12) I AND THE COG	5 CFR TABLE 31.10 40NTH PERIOD, THE NIZANT OCM1
Inspection, Houma, Louisiana certified the vessel, in all respects, is in contornity with the approach vessel, the rules and regulations prescribed thereunder.  Annual/Periodic/Re-Inspection  Date Zone A/P/R Signature  U-U-24 Hastar TX A Kaudy Vessel  Hours, Tolkishe Inspection  Officer in Chapts, Mighte Inspection  Hours, Tolkishe	***SEE NEX	PAGE FOR	R ADDITION	IAL CERTIF	ICATE INFO	RMATION*	**		
This certificate issued by:  Date Zone A/P/R Signature  U-4-24 Harston TX A Kanday Walks  Direction  Cateer in Chapte, Marine Instruction  Cateer in Chapter I	Inspection, Hou	uma. Louisian	a certified the	e vessei, in a	pleted at Hour all respects, is	na, LA, UNI in conformity	TED STATES, with the appli	the Officer i cable vessel	n Charge, Marine inspection laws an
Date Zone A/P/R Signature Life BASON; CDR SCO; By Direction  4-4-34 Houston TX A Koudy Volve Control House Inches Control House	the rules and re	Annual/Per	scribed there lodic/Re-inst	ection		This certific	ate issued by:	1.1	
4-4-24 Harston TK A Kandy Welson Officer in Chapt, Union to House Talkstaria	Deta				iture "	L	BACONY	DR SCOL	By Direction
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						Mapaction Zone	1600		



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

13 Jun 2023 Certification Date: 13 Jun 2028 **Expiration Date:** 

### Certificate of Inspection

Vessel Name: HTGO 3096

---Hull Exams---

**Next Exam** 

Last Exam

Prior Exam

Exam Type DryDock

30Jun2033

07Jun2023

19Apr2013

Internal Structure

30Jun2028

07Jun2023

30May2018

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

Authorization:

Grade "A" and lower and Specified Hazardous Cargoes.

**Total Capacity** 

Tank Number

Units

Highest Grade Type Part151 Regulated Part153 Regulated Part154 Regulated

29069

Barrels

Yes

No

No

\*Hazardous Bulk Solids Authority\*

\*Loading Constraints - Structural\*

Max Cargo Weight per Tank (short tons)

Maximum Density (lbs/gal)

1 P/S

835

13.6

2 P/S

848

13.6

3 P/S

769

13.6

\*Loading Constraints - Stability\*

Hull Type

Maximum Load

(short tons)

Maximum Draft

Max Density

Route Description

III

11

(ft/in)

(lbs/gal)

4669 3799 11ft 9in 10ft 0in 13.60 13.60

\*Conditions Of Carriage\*

ONLY THOSE HAZARDOUS CARGOES NAMED IN THE VESSEL'S CARGO AUTHORITY ATTACHMENT, SERIAL NO. C1-1300352 DATED 07 FEB 2013, MAY BE CARRIED AND THEN ONLY IN THE TANKS INDICATED, SUBJECT TO THE LOADING CONSTRAINTS OF THE VESSEL'S CURRENT STABILITY LETTER.

PER 46 CFR 150.130, THE PERSON IN CHARGE OF THE BARGE IS RESPONSIBLE FOR ENSURING THAT THE COMPATIBILITY REQUIREMENTS OF 46 CFR 150 ARE MET. CARGOES MUST BE CHECKED FOR COMPATIBILITY USING THE FIGURES, TABLES, AND APPENDICES OF 46 CFR 150 IN CONJUNCTION WITH THE REACTIVE GROUP NUMBER FROM THE "COMPATIBILITY GROUP NO." COLUMN LISTED IN THE VESSEL'S CAA.

PER 46 CFR 151.10-15(c)(2) THE MAX TANK WEIGHTS LISTED BELOW REFLECT UNIFORM (WITHIN 5%) LOADING AT THE DEEPEST DRAFT ALLOWED. WHEN CARRYING SUBCHAPER "O" CARGOES AT SHALLOWER DRAFTS, THE BARGE(S) SHOULD ALWAYS BE LOADED UNIFORMLY.

WHEN USING THE VAPOR CONTROL SYSTEM TO LOAD HIGHLY TOXIC CARGOES (VCS CATEGORY 3, 4 AND/OR 7 CARGOES), THE VESSEL'S OVERFILL ALARM AND SHUTDOWN SYSTEM SHALL BE USED AS THE PRIMARY CARGO TANK OVERFILL PROTECTION. THE USE OF SPILL VALVES OR RUPTURE DISKS IS PROHIBITED.

WHEN THE VESSEL IS CARRYING CARGOES CONTAINING GREATER THAN 0.5% BENZENE, THE PERSON IN CHARGE IS RESPONSIBLE FOR ENSURING THE PROVISIONS OF 46 U.S. CODE OF FEDERAL REGUALTIONS PART 197, SUBPART C ARE APPLIED.

THE MAXIMUM DESIGN DENSITY OF CARGO WHICH MAY BE FILLED TO THE TANK TOP IS 8.74LBS/GAL. CARGOES WITH HIGHER DENSITIES, UP TO 13.6LBS/GAL, MAY BE CARRIED AS SLACK LOADS, BUT SHALL NOT EXCEED THE TANK WEIGHT LIMITS AS LISTED ABOVE.



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

Certification Date: 13 Jun 2023 Expiration Date: 13 Jun 2028

## Certificate of Inspection

Vessel Name: HTCO 3096

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 NO. C1-1801781 DATED MAY 2018, AND FOUND ACCEPTABLE FOR COLLECTION OF BULK LIQUID CARGO VAPORS ANNOTATED WITH "YES" IN THE CAA'S VCS COLUMN.

IN ACCORDANCE WITH 46 CFR PART 39.1017 AND 39.5000 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.

### --- Inspection Status ---

\*Cargo Tanks\*

١					External Exam		
		Internal Exam					N1
	Tank Id	Previous	Last	Next	Previous	Last	Next
	1 P/S	19Apr2013	07Jun2023	30Jun2033	-	-	= 1
	2 P/S	19Apr2013	07Jun2023	30Jun2033	-	-	-
	3 P/S	19Apr2013	07Jun2023	30Jun2033		-	-
				Hydro Test			
	Tank Id	Safety Valves		Previous	Last	Next	
	1 P/S	-		.=	-	-	
Contract Contract	2 P/S	-		-		-	
100	3 P/S	-		<del></del>	-	•	

### --- 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

.\_

40-B

\*\*\*END\*\*\*

Serial #:

C1-1300352

Dated: 07-Feb-13



## Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3096

Shipyard: Trinity Marine

Madisonville
Hull #: 2208-3

Official #: 12244559

CFR 151 Tank Group Characteristics

46 CFR 151 Tank G	iroup (	Chara	cteris	tics													-
Tank Group Information	Cargo I	dentificat	ion		C	1	Tanks		Carg		Enviror		Fire	Special Require	ments		
Trail Graph Tanks in Group	Density	Press.	Temp.	Hull Typ	Cargo Seg Tank	Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space	Protection Provided	General	Meterials of Construction	Elec	Temp Cont
A #1 P/S; #2 P/S; #3 P/S	13.6	Atmos.	Amb.	000	111 21i	Integral Gravity	PV	Closed	100	G-1	NR	NA	Portable	.50-60, .50-70(a), .50-70(b), .50-73, .50-81(a), .50-	55-1(c), (e), (h), 58- 1(b), (c), (d), (e), (f),	NR	No

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.

List of Authorized Cargoes

Cargo Identificatio	n							Condi	tions of Carriage	
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Hull Typa	Tenk Group	Vapor Re App'd (Y or N)	scovery VCS Category	Special Requirements in 48 CFR 151 General and Mat'la of	Insp. Perio
Authorized Subchapter O Cargoes										
Acetonitrile	ATN	37	0	C	111	A	Yes	3	No	G
Acrylonitrile	ACN	15 2	0	С	11	Α	Yes	4	,50-70(a), ,55-1(e)	G
Adiponitrile	ADN	37	0	E	#8	Α	Yes	1	No	G
Alkyl(C7-C9) nitrates	AKN	34 2	0	NA	111	A	No	NA		a
Anthracene oil (Coal tar fraction)	AHO	33	0	NA	800	A	No	N/A		G
Benzene	BNZ	32	0	С	188	A	Yes	1	.56-60	G
Benzene or hydrocarbon mixtures (having 10% Benzene or more)	BHB	32 <sup>2</sup>	0	С	20001	Α	Yes	1	.56-60	G
Benzene or hydrocarbon mixtures (containing Acetylene and 10% Benzene or more)	ВНА	32 2	0	Ç	CORRECT PROPERTY OF THE PROPER	Α	Yes	1	,50-60, .56-1(b), (d), (f), (g)	G
Benzene, Toluene, Xylene mixtures (10% Benzene or more)	BTX	32	0	B/C	9000	Α	Yes	1	,50-80	G
Butyl acrylate (all isomers)	BAR	14	0	D	. 111	Α	Yes	2	,50-70(a), .50-81(a), (b)	G
Butyl methacrylats	вмн	14	0	D	113	Α	Yes	2	,8D-70(a), .50-81(a), (b)	0
Butyraldehyde (all isomers)	BAE	19	0	С	8000	Α	Yes	1	.55-1(h)	G
Camphor oil (light)	CPO	18	0	D	9900	A	No	WA		G
Carbon tetrachioride	CBT	38	0	NA	8000 8000 8000 8000 8000	Α	No	N/A		G
Chemical Oil (refined, containing phenolics)	COD	21	0	E	98	. A	No	N/A	.50-73	G
Chlorobenzene	CRB	36	0	D	0000	Α	Yes	1	No	G
Chloroform	CRF	36	0	NA	110	A	Yes	3	No	G
Coal tar naphtha solvent	NCT	33	0	D	988	Α	Yes	1	.50-73	G
Creosote	CCM	/ 21 2	0	pro pro	115	Α	Yas	1	Also	9
Cresols (sil isomers)	CRS	21	0	State State State	188	A	Yes	1	Ne	- G
Crotonaldehyde	CTA	19 2	0	С	88	A	Yes	4	.55-1(h)	G
Crude hydrocarbon feedstock (containing Butyraldehydes and Ethylpropyl acrolein)	CHG		0	С	dense esses	A	No	NA	No	G
Cyclohexanone, Cyclohexanol mixture	CYX	18 2	0	E	111	Α	Yes	1	.56-1 (b)	G
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	0	D	860	A	Yes	1	,50-80, ,56-1(b)	G
iso-Decyl scrylate	IAI	14	0	800	100	Α	Yes	2	.50-70(a), .50-81(a), (b), .88-1(c)	- G
1,1-Dichloroethane	DCH	36	0	C	4000 4000 4000	A	Yes	1	<b>16</b> 3	- G
Dichloromethans	DCM	36	0	NA	181	A	Yes	5	No.	g
1,1-Dichloropropane	DPB	36	0	С	190	A	Yes	3	No.	G
1,2-Dichloropropane	DPP	36	0	C	7860	Α	Yes	3	No	G
1,3-Dichioropropane	DPC	36	0	C	110	Α	Yes	3	No.	G
1,3-Dichloropropene	DPU	15	0	D	80000	Α	Yes	4	No	G

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. NA means that the vessel does not have a cargo control space, and this requirement is not applied.

<sup>3.</sup> 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.



erial #: C1-1300352 Dated: 07-Feb-13

## Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: HTCO 3096
Official #: 12244559

Page 2 of 7

Shipyard: Trinity Marine Madisonville

Cargo Identification	n						(	Condi	tions of Carriage	
			}				Vapor R		1	
Name Dichloropropene, Dichloropropane mixtures	Chem Code DMX	Compat Group No 15	Sub Chapter O	Grade C	Type II	Tenk Group A	App'd (Y or N) Yes	VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of No	Insp. Perio G
	DEA	8	0	E	111	A	Yes	4	,56-1(c)	G
Diethanolamine		7	0	C	884	A	Yes	3	.85-1(c)	G
Diethylamine	DEN	72	0	E	881	A	Yes	1	.56-1(c)	G
Disthylenetriamine		7	0	 D	888	A	Yes	3	.56-1(a)	G
Diisobutylamine	DBU			E	000	A	Yas	1	.58-1(0)	G
Disopropanolamine	DIP	8	0		-	A	Yes	3	,56-1(c)	G
Dřisopropylamine	DIA	7	0	<u> </u>	981		Yes	3	.\$6-1(b)	G
N,N-Dimethylacetamide	DAC	10	0	E	363	A	Yes	1	.56-1(b), (c)	G
Dimethylethanolamine	DMB	- 8	0	<u>D</u>		A		1	.55-1(e)	G
Dimethylformamide	DMF	10	0	D	838	A	Yes		.55-1(c)	G
Di-n-propylamine	DNA	7	0	<u> </u>	12	A	Yes	3	\$8-1(b)	G
Dodecyldimethylamine, Tetradecyldimethylamine mixture	DOT	7	0	Sam Son Son	111	<u>A</u>	No	N/A		G
Dodecyl diphenyl ether disulfonate solution	DOS	43	0	*	960	A	No	N/A	No No	G
EE Glycol Ether Mixture	EEG	40	0	D	Britan Britan Britan	A	No	NA		G
Ethanolamine	MEA	8	0	£.	9889	A	Yes	1	.58-1(c)	
Ethyl acrylate	EAC	14	0	С	1000	A	Yes	2	.50-70(a), .50-81(s), (b)	G
Ethylene cyanohydrin	ETC	20	0	E	191	A	Yes	1	Mo	G
Ethylenediamine	EDA	72	0	D	0 No.	Α	Yes	1	.55-1(c)	G
Ethylens dichloride	EDC	36 2	0	С	9000	A	Yes	11	No	G
Ethylene glycol hexyl ether	EGH	40	0	E	)11)	A	No	N/A	No	0
Ethylene glycol monoalkyl ethers	EGC	40	0	D/E	4000	Α	Yes	1	No	G
Ethylene glycol propyl ether	EGP	40	0	E	8 00	Α	Yes	1	Ma	G
2-Ethylhexyl acrylats	EAI	14	0	Em.	8000	Α	Yes	2	.50-70(a), .50-61(a), (b)	G
Ethyl methacrylate	ETM	14	0	D/E	181	Α	Yes	2	.50-70(a)	G
2-Ethyl-3-propylacrolein	EPA	19 2	0	E	888	Α	Yes	1	Mo	G
Formaldehyde solution (37% to 50%)	FMS	19 2	0	D/E	111	Α	Yes	1	,55-1(h)	G
Furfural	FFA	19	0	D	9888	Α	Yes	1	.56-1(h)	G
Glutaraldehyde solution (50% or less)	GTA	19	0	NA	8888	Α	No	N/A	Péa	G
Hexamethylenediamine solution	HMC	7	0	See .	888	A	Yes	1	.55-1(c)	G
Hexamethyleneimine	HMI	7	0	C	00000	A	Yes	1	.58-1(b), (c)	G
Hydrocarbon 5-9	HFN		0	C	315	A	Yes	1	.56-70(a), .50-81(a), (b)	G
Isoprene	IPR	30	0	A	90000 90000	A	Yes	7	.50-70(a), .50-81(a), (b)	G
Isoprene, Pentadiene mixture	IPN		0	В	\$ 10 00 00 00 00 00 00 00 00 00 00 00 00	A	No	NA	,50-70(a), .55-1(c)	G
Mesityl oxide	MSO	18 2	0	D	388	A	Yes	1	Pla	3
Methyl acrylate	MAM	14	0	С	288	A	Yes	2	.50-70(n), .50-81(n), (b)	3
Methylcyclopentadiene dimer	MCK	30	0	С	988	Α	Yes	1	No	G
Methyl diethanolamine	MDE	8	0	E	1111	A	Yes	1	.58-1(b), (c)	G
2-Methyl-5-ethylpyridine	MEP	9	0	E	111	A	Yes	1	.56-1(e)	G
Mathyl methacrylate	MMM		0	C	988	A	Yes	2	.50-70(a), .50-81(a), (b)	ß
2-Methylpyridine	MPR	9	0	D	188	A	Yes	3	.55-1(c)	G
z-metnyipyridine aipha-Methylstyrene	MSR		0	D	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A	Yes	2	.50-70(a), .50-81(a), (b)	G
aipna-aiemyisiyrene Morpholine	MPL	7 2	0	<u>D</u>	4 4 5	A	Yes	1	.56-1(c)	G
Niroethane	NTE	42	0	0	11		No	N/A	.39-81, .58-1(b)	Q
	NPM		0	D	0.00	A	Yes	1	,SD-81	a
1- or 2-Nitropropane	PDE	30	0		888		Yes	7	.50-70(a), .50-81	G
1,3-Pentadiene	PER	36	0	NA	888	A	No	N/A	No	G
Perchloroethylene	PEB	7 2	0	E	0.00 000000 000000	A	Yes	1	.55-1(e)	G
Polyethylene polyamines	MPA		0	E	0.00	A	Yes	1	.36-1(0)	G
iso-Propanolamine	mr/\	9	~	Euro .	× 2 2	73	1 2003	8	A decided to the second	



Serial #: C1-1300352

07-Feb-13

# Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3096

Official #: 12244559

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Shipyard: Trinity Marine Madisonville

Onsider. 122-7003			ago o							
Cargo Identification	n						(	Condi	tions of Carriage	
Name	Chem Code	Compat Group No	Sub Chapter	Grade	Huli Type	Tank Group		VCS Carteccory	Special Requirements in 46 CFR 151 General and Mat's of .58-16), (c)	Insp. Period
Propanolamine (iso-, n-)	PAX	8	0	E	111	A	Yes	1	.55-1(c)	G
iso-Propylamine	IPP	7	0	A		A	Yes	5		G
Pyridine	PRD	9	0	C	100	<u>A</u>	Yes	1	.56-1(e)	8
Sodium chlorate solution (50% or less)	SDD	0 1,2	0	NA	121	A	No	N/A	.56-73	a
Styrene (crude)	STX		0	D	808	A	Yes	2	Mo	
Styrene monomer	STY	30	0	D	111	A	Yes	2	.30-70(s), .30-81(s), (b)	0
1,1,2,2-Tetrachloroethane	TEC	36	0	NA	III	A	No	N/A	<b>N</b>	3
Tetraethylenepentamine	TTP	7	0	90% 500 500	111	Α	Yes	1	.55-1(c)	G
Tetrahydrofuran	THE	41	0	С	976	A	Yes	1	,50-70(b)	G
1,2,4-Trichforobenzene	TCB	36	0	E	200	Α	Yes	1	Mo	G
Trichloroethylene	TCL	36 2	0	NA	###	Α	Yes	1	<b>*</b>	G
Triethylamine	TEN	7	0	C	900	A	Yes	3	.33-1(e)	3
Ures, Ammonium nitrate solution (containing more than 2% NH3)	UAS	8	0	NA	00000	A	No	N/A	.58-1(b)	G
Vinyl acetate	VAN	13	0	C	111	A	Yes	2	.56-79(a), .50-81(a), (b)	G
Vinyl neodecanate	VND	13	0	E	1200	Α	No	NA	,50-70(a), .50-81(a), (b)	Ğ
Subchapter D Cargoes Authorized for Vapor Contro	ol									
Acetone	ACT	18 <sup>2</sup>	D	С		Α	Yes	1	Ap 0.00 - 10	
Acetophenone	ACP	18	D	E		A	Yes	1		
Alcohol(C12-C16) poly(1-5)ethoxylates	APU	20	D	So-	THE PERSON NAMED IN COLUMN	A	Yes	1		
	AEB	20	D	\$W**		Α	Yes	1		
Alcohol(C8-C17)(secondary) poly(7-12)ethoxylates  Amyl acetate (all isomers)	AEC	34	D	D		A	Yes	1	,	
	AAI	20	D	D		A	Yes	1		emineral tele
Amyl alcohol (iso-, n-, sec-, primary)	BAL	21	D	E		Α	Yes	1		
Benzyl alcohol  Brake fluid base mixtures (containing Poly(2-8)alkylene(C2-C3) glycols, Polysikylene(C2-C10) glycol monoalkyl(C1-C4) ethers, and their borate esters)	BFX	20	D	E	<b></b>	A	Yes	1		
Butyl acetate (all isomers)	BAX	34	D	D		Α	Yes	1	and the second s	
Butyl alcohol (iso-)	IAL	20 2	D	D		A	Yes	1		
Butyl alcohol (n-)	BAN	20 <sup>2</sup>	מ	D		Α	Yes	1	and the second s	
Butyl alcohol (sec-)	BAS	20 2	D	С	· ·	Α	Yes	1		
Butyl alcohol (tert-)	BAT		D	С		A	Yes	1	reservantements.	
Butyl benzyl phthalate	BPH	34	D	E		A	Yes	1		
Butyi toluene	BUE	32	D	D		A	Yes	1	The state of the s	
Caprolactam solutions	CLS	22	D	See See	A	A	Yes	1	AUX04000	
Cyclohexane	CHX	31	D	C		A	Yes	1		
Cyclohexanol	CHN	20	D	<u>En</u>		A	Yes	1		
1,3-Cyclopentadiene dimer (molten)	CPD	30	D	D/E		Α	Yes	2	A. Carrier and the second seco	
p-Cymene	CMP	32	D	D		Α	Yes	1		
iso-Decaldehyde	IDA	19	D	E		Α	Yes	1	w	
n-Decaldehyde	DAL	19	D	Ε		A	Yes	1		
Decene	DCE	30	D	D		A	Yes	1		
Decyl alcohol (all isomers)	DAX	20 2	D	E		A	Yes	1		
n-Decylbenzene, see Alkyl(C9+)benzenes	DBZ	32	D	E		A	Yes	1		
Discetone sicohol	DAA	20 2	D	D		A	Yes	1		
ortho-Dibutyl phthalate	DPA	34 .	D	#		A	Yes	1	and the state of t	
Diethylbenzene	DEB	32	D	D		A	Yes	1		
Diethylene glycol	DEG	40 2	D	E		<u> </u>	Yes			
Dilsotxitylene	DBL	30	D	С		A	Yes	1		



Serial #: C1-1300352

07-Feb-13

## Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3096 Official #: 12244559

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Shipyard: Trinity Marine Madisonville

Cargo identification	on							Market Market Company of the Company	tions of Carriage	
	C:	0	Cude		l-isaii	Tank	Vapor I App'd	Recovery VCS	Special Requirements in 46 CFR	Insp
Name Diisobutyl ketone	Chem Code DIK	Compat Group No 18	Sub Chapter D	Grade D	Type	Group A	Yes	Category 1	151 General and Mat'ls of	Pari
Disopropylbenzene (all isomers)	DIX	32	D	E		Α	Yes	1		
Dimethyl phthalate	DTL	34	D	E	100	A	Yes	1		
Diocityl phthalats	DOP	34	D	E	***************************************	A	Yes	4	A CONTRACTOR OF THE STATE OF TH	
Dipentana	DPN	30	D	D	and the state of t	A	Yes	4		***************************************
•	DIL	32	D	D/E		A	Yes	1		
Diphenyl Diphenyl, Diphenyl ether mixtures	DDO	33	D	E		A	Yes	1		
	DPE	41	D	{E}		Α	Yes	1		January 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Diphenyl ether	DPG	40	D	E		A	Yes	1	wassermannessermenter (1944-1945) og starte fra 1945 og starte fra 194	
Dipropylene glycol	DFF	33	D	E		A	Yes	1		
Distillates: Flashed feed stocks	DSR	33	D	E		A	Yes	4		
Distillates: Straight run	DOZ	30	D	D		A	Yes	4		
Dodecene (all Isomere)		32	D	200 200 200 200	ACCES OF THE OWNER, WHEN	A	Yes	1	62-36-000	
Dodecylbenzene, see Alkyl(C9+)benzenes	DDB	34	D	D		A	Yes	1		
2-Ethoxyethyl acetate	EEA	40	D	E		A	Yes	1	and the state of t	NAME OF TAXABLE PARTY.
Ethoxy trigiycol (crude)	ETG			C		A	Yes			
Ethyl acetate	ETA	34	D			A	Yes	1	A CONTROL OF THE PROPERTY OF T	
Ethyl acetoacetate	EAA	34	D	E			Yes	1		
Ethyl alcohol	EAL	20 2	D	C		A	Yes	1		
Ethylbenzene	ETB	32	D	C		A	WW-4-0		MOSS MANAGEMENT AND	
Ethyl butanol	EBT	20	<u>D</u>	D		<u>A</u>	Yes	1		
Ethyl tert-butyl ether	EBE	41	D	C		_ A	Yes	4		
Ethyl butyrate	EBR	34	D	D		<u>A</u>	Yes	1		
Ethyl cyclohexane	ECY	31	<u>D</u>	D		A	Yes	1		
Ethylene glycol	EGL	50 s	D	E		A	Yes	1		
Ethylene glycol butyl ether acetate	EMA	34	D	E		A	Yes	1		
Ethylene glycol diacetata	EGY	34	0	E		<u>A</u>	Yes	1		
Ethylene glycol phenyl ether	EPE	40	D	Em		A	Yee	1	AMA	
Ethyl-3-ethoxypropionate	Em Son En	34	D	D		A	Yes	1		
2-Ethylhexenol	EHX	20	D	E		A	Yes	1		
Ethyl propionate	EPR	34	D	C		A	Yes	1		
Ethyl toluene	ETE	32	D	D		A	Yes	1		and the state of t
Formamide	FAM	10	D	E		A	Yes	1		
Furfuryl alcohol	FAL	20 2	D	E		A	Yes	1		
Gasoline blending stocks: Alkytates	GAK	33	D	A/C		Α	Yes	1		g
Gasoline blending stocks: Reformates	GRF	33	D	A/C		Α	Yes	1		<u>Oğumuyi, İstanlığı</u>
Gasolines; Automotive (containing not over 4.23 grams lead per gallon)	GAT	33	D	С		A	Yes	1		
Gasolines: Aviation (containing not over 4.86 grams of lead per gallon)	GAV	33	D	С		A	Yes	- dum		owan shakeman sa
Gasolines: Casinghead (natural)	GCS	33	D	A/C		Α	Yes	1		
Gasolines: Polymer	GPL	33	D	A/C	Deputing of the	Α	Yes	4		
Gasolines: Straight run	GSR	33	D	A/C		Α	Yes	1		
Glycerine	GCR	20 2	0	E	····	A	Yas	1	Quantum and the state of the st	
Haptana (all isomers), see Alkanss (C8-C9) (all isomers)	HMX	31	D	C		Α	Yes	1		
Heptanoic acid	HEP	4	D	E		Α	Yes	1		
Heptanol (all isomers)	НТХ	20	D	D/E		Α	Yes	1		
Heptene (all isomers)	HPX	30	D	С		Α	Yes	2		
Heptyl acetate	HPE	34	D	E		Α	Yes	1		oversite and the second
Hexane (all isomers), see Alkanes (C6-C9)	HXS	31 <sup>2</sup>	D	B/C		Α	Yes	1		



Serial #: C1-1300352

07-Feb-13

## Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3096

Official #: 12244559

Shipyard: Trinity Marine Madisonville

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Cargo Identi	fication							Condi	tions of Carriage	
	graphic and the second					Qwr	- Louis automa	Recovery		
Name	Chem	Group No		Grade	Type	Tank Group		VCS Category	Special Requirements in 46 CFR 151 General and Mat'ls of	Insp.
Hexanoic acid	HXO	4	D	E		<u>A</u>	Yes	1		
Hexanol	HXN	20	D	D		A	Yes	1	way a second of the second of	
Hexene (all isomers)	HEX	30	D	С		A	Yes	2		
Hexylene glycol	HXG	20	D	E	*******	A	Yes	1		
laophorona	IPH	18 2	D	San San		A	Yes	1		
Jet fuel: JP-4	JPF	33	D	grip Sun Sun		A	Yes	4	THE RESIDENCE OF THE PROPERTY	
Jet fuel: JP-5 (kerosene, heavy)	JPV	33	D	D		A	Yes	***		
Kerosene	KRS	33	D	D		Α	Yes	age.		····
Methyl acetate	MTT	34	D	D		Α	Yes	1		шиштен тогот
Methyl alcohol	MAL	20 3	D	C		A	Yes	-9		
Methylamyl acetate	MAC	34	D	D		Α	Yes	1		
Methylemyl alcohol	MAA	20	D	D		Α	Yes	1		and the second s
Mathyl amyl ketone	MAK	18	D	D .	difore mirrorati	Α	Yes	4		
Methyl teri-butyl ether	MBE	49 2	D	C		A	Yes	1		
Methyl butyl ketone	MBK	18	D	С		Α	Yes	1		
Methyl butyrate	MBU	34	D	C		Α	Yes	1	AND THE REAL PROPERTY OF THE P	
Methyl ethyl ketone	MEK	18 2	D	С		Α	Yes	4	The second secon	
Methyl heptyl ketone	MHK	18	D	D		A	Yes	1		
Methyl isobutyl ketone	MIK	18 2	D	C		A	Yes	1		
	MNA	32	D	E		A	Yes	1	The second secon	0.0000000000000000000000000000000000000
Methyl naphthalene (molten)	MNS	33	D	D		A	Yes	1	ROMENTAL INTERNATION FOR LEGISLES TO SECURIORISM PROSPERATA AND CONTRACT CO	***************************************
Mineral spirits	MRE	30	0	D		A	Yes	1	The second secon	and the second second second second
Myrcane	NAG	33	D	#		A	Yes	4	THE RESIDENCE OF THE PARTY OF T	
Naphtha: Heavy	PTN	33	D	#		A	Yes	1		
Naphtha: Petroleum	NSV	33	D	D	ero-eronales or therene	A	Yes	1		
Naphtha: Solvent	NSS NSS	MININ TO MINING THE PARTY OF TH	D	D			Yes	1		
Naphtha: Stoddard solvent		33	D	C	***************************************		Yes	4		A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.
Naphtha: Vamish makers and painters (75%)	MVM	33					Yes	1		
Nonane (all Isomers), see Alkanes (C6-C9)	NAX	31	D	D		A	Yes	2		
Nonene (all isomers)	NON	30	D	0				1		
Nonyl alcohol (all isomers)	NNS	20 <sup>2</sup>	D	Son Son		<u>A</u>	Yes			ármakon manar tertor
Nonyi phenol	NNP	21	D	£		A	Yes	1		
Nonyl phenol poly(4+)athoxylates	NPE	40	D	E		<u>A</u>	Yes	1		or thorough
Octane (all isomers), see Alkanes (C6-C9)	OAX	31	D	C		A	Yes	1		MINISTER OF THE PROPERTY.
Octanoic acid (all isomers)	OAY	4	D	E		A	Yes	1	allianded to the control of the cont	www.munuwww.munuww
Octanol (all isomers)	ocx	20 2	D	<u>E</u>		<u>A</u>	Yes	1		d.A
Octene (all isomers)	OTX	30	0	C		A	Yes	2	Charles and the control of the Contr	
Oil, fuel: No. 2	OTW	33	D	D/E		Α	Yes	1		
Oř, fuel: No. 2-D	OTD	33	D	D		A	Yes	3		
Oil, fuel: No. 4	OFR	33	D	D/E		Α	Yes	1		
Oil, fuel: No. 5	OFV	33	D	D/E		A	Yes	4	annum an	
Oil, fuel: No. 6	OSX	33	D	£.		<u> </u>	Yes	4		*****************
Oli, misc: Crude	OIL	33	D	C/D	·	<u>A</u>	Yes	4		
Oll, misc: Diesel	ODS	33	D	D/E		A	Yes	4		
Oil, misc: Gas, high pour	OGP	33	D	gen Store		A	Yes	4		
Oil, mise: Lubricating	OLB	33	D	E		A	Yes	1		
Oil, misc: Residual	ORL	33	D	gave Sex Sex		A	Yes	1		
Oil, misc: Turbine	OTB	33	D	E		A	Yes	1		
Pentane (all isomers)	PTY	31	D	Α		A	Yes	5		



Serial #: C1-1300352 Dated: 07-Feb-13

# Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HTCO 3096

Shipyard: Trinity Marine Madisonville

Hull #: 2208-3

Official #: 12244559

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Pentene (all isomers)         PTX         30         D           n-Pentyl propionate         PPE         34         D           alpha-Pinene         PIO         30         D           bets-Pinene         PIP         36         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether         PAG         40         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate         PAF         34         D           Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	Grade Type A D D D E E E		Vepor Re App'd Y or N) ( Y as Yes Yes	VCS	Special Requirements in 48 CFR 151 General and Mat'ls of	Insp. Period
alpha-Pinene         PIO         30         D           beta-Pinene         PIP         36         D           Poly(2-8)alkylene glycol monoalkyl(C1-C8) ether         PAG         40         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate         PAF         34         D           Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	D D E E	A	Yes			
bets-Pinene         PIP         30         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether         PAG         40         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate         PAF         34         D           Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	D E E	Α		1		9000, WALLESTON THE THE TOTAL THE
Poly(2-8)alkylene glycol monoalkyl(C1-C8) ether         PAG         40         D           Poly(2-8)alkylene glycol monoalkyl(C1-C6) ether acetate         PAF         34         D           Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	See See See		Yes			
Poly(2-8)sikylene glycol monoalkyl(C1-C6) ether acetate         PAF         34         D           Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	E	A		1		
Polybutene         PLB         30         D           Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D			Yes	1		
Polypropylene glycol         PGC         40         D           iso-Propyl acetate         IAC         34         D           n-Propyl acetate         PAT         34         D	E3	A	Yes	1		ownstron <b>us</b> troom
iso-Propyl acetate IAC 34 D n-Propyl acetate PAT 34 D	lon.	Α	Yes	1		
n-Propyl acetate PAT 34 D	gran Gran Gran	Α	Yes	1		
xx x you gx wood out.	C	Α	Yes	1		
iso-Propyl alcohol IPA 20 2 D	С	Α	Yes	1		
	С	Α	Yes	1		
n-Propyl alcohol PAL 20 2 D	Ç	Α	Yes	1		
	D	A	Yes	1		
iso-Propylcyclohexane IPX 31 D	D	Α	Yes	1		
Propylene glycol PPG 20 <sup>2</sup> D	E	A	Yes	1		
Propylene glycol methyl ether acetate PGN 34 D	D	Α	Yes	1		
Propylene tetramer PTT 30 D	D	Α	Yes	1		
Sulfolane SFL 39 D	E	Α	Yes	1		
Tetraethylene glycol TTG 40 D	gen kun	Α	Yes	1		amountmanum.A
Tetrahydronaphthalene THN 32 D	yatra guo bona	Α	Yes	1		
Toluene TOL 32 D	C	A	Yes	1		
Tricresyl phosphate (less than 1% of the ortho isomer) TCP 34 D	E	A	Yes	4		_
Triethylbenzene TEB 32 D	E	Α	Yes	1		
Triethylene glycol TEG 40 D	Ε .	Α	Yes	1		
Triethyl phosphate TPS 34 D	E	Α	Yes	1	de anno de la constante de const	adella construcción de la constr
Trimethylbenzene (all isomers) TRE 32 D	{D}	Α	Yes	1		-
Trizylenyl phosphate TRP 34 D	gene Sun- Sun-	Α	Y98	1		ACCURATE AND ASSESSMENT OF THE PARTY OF THE
Undecene UDC 30 D	D/E	A	Yes	1		
1-Undecyl alcohol UND 20 D				8		
Xylenes (ortho-, meta-, para-) XLX 32 D	E	A	Yes	1	A STATE OF THE STA	



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

Serial # C1-1300352

Dated: 07-Feb-13

## Certificate of Inspection Cargo Authority Attachment

Vessel Name: HTCO 3096 Official #: 12244559

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Shipyard: Trinity Marine

Hull #: 2208-3

#### Explanation of terms & symbols used in the Table:

Cargo Identification

Chem Code

Compatability Group No.

Note 1

Note 2

Subchapter Subchapter D Subchapter O

Note 3

Grade

A, B, C

Note 4

Hull Type NA

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.

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

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 45 CFR 150 in conjunction with the assigned reactive group number. Because of the very high reactivity or unusual conditions of carriage or potential competibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional competibility information, contact Commandant (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone

See Appendix I to 48 CFR Part 150 - exceptions to the compatability chart.

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 45 CFR Part 153 Table 2.

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

Teamsold liquid cargoes, as defined in 48 CFR 30-10.22.

Combustible liquid cargoes, as defined in 48 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 shell varify 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.

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 Vacor 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

Vapor Recoven 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 vepors of the specified cargo. No: The vessel's VCS has been reviewed and is not approved by the MSC to control vepors of the specified cargo.

VCS Category:

Category 1

The specified cargo's provisional classification for vapor control systems.

(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, 48 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 Catagory 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 veive or rupture disk as the primary means to meet the overfill protection requirement of 45 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 vapor 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.

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