



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

Certification Date: 05 Oct 2021  
Expiration Date: 05 Oct 2026

# Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

Vessel Name	Official Number	IMO Number	Call Sign	Service
CCL 10	551979			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
NEW ORLEANS, LA	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
NEVILLE ISLAND, PA	15Dec1974		R-773	R-773		R-195.1
UNITED STATES			-	-		-0

Owner	Operator
CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE, LA 70780 UNITED STATES	CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE, LA 70780 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

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

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

**Route Permitted And Conditions Of Operation:**  
**---Lakes, Bays, and Sounds---**

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(a) (2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a) (1) 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 at Baton Rouge, LA, UNITED STATES, the Officer in Charge, Marine Inspection, New Orleans, LA certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection			
Date	Zone	A/P/R	Signature
27 SEP 2022	BATV	A	C. J. CWD
07 NOV 2023	BATV	A	P. J. RANERI
25 SEP 24	BATV	P	M. BO. CWD
29 NOV 25	BATV	A	P. J. RANERI

This certificate issued by: *P. J. Raneri*  
**P. J. RANERI LCDR, USCG, by direction**  
 Officer in Charge, Marine Inspection  
 New Orleans, LA  
 Inspection Zone



# Certificate of Inspection

Vessel Name: CCL 10

### ---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	30Sep2026	20Sep2016	05Feb2008
Internal Structure	30Sep2026	05Oct2021	20Sep2016

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

Authorization: FLAMMABLE, COMBUSTIBLE AND SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
10500	Barrels	A	Yes	No	No

#### \*Hazardous Bulk Solids Authority\*

Not Authorized

#### \*Loading Constraints - Structural\*

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 C/L	606	13.50
2 C/L	623	13.50
3 C/L	615	13.50

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

Hull Type	Maximum Load (short tons)	Maximum Draft (ft/in)	Max Density (lbs/gal)	Route Description
III	1811	10ft 5in	13.50	RIVERS
II	1485	9ft 0in	13.50	RIVERS; LAKES, BAYS AND SOUNDS
III	1624	9ft 7in	13.50	LAKES, BAYS AND SOUNDS
II	1485	9ft 0in	13.50	

#### \*Conditions Of Carriage\*

Only those cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #C2-0402884, dated 02NOV04, and Grade "A" and lower cargoes may be carried.

When the vessel is carrying cargoes containing greater than 0.5% Benzene, the person in charge is responsible for ensuring the provisions of 46 CFR 197, Subpart C, are applied.

#### \*Oil Prohibition - No Overfill Protection Devices\*

This vessel is not equipped with overfill protection devices and is prohibited from carrying oil products as defined in 33 CFR 151.05.

#### \*Oil Prohibition - No 30 Year Mid-Body Survey\*

This vessel does not meet the mid-body gauging survey requirements of 46 CFR 31.10-21(a) and is prohibited from carrying pollution category I oils listed in 46 CFR Table 30.25-1.

### --- Inspection Status ---



# Certificate of Inspection

Vessel Name: CCL 10

**\*Cargo Tanks\***

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-
2 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-
3 C/L	05Feb2008	20Sep2016	30Sep2026	-	-	-

Hydro Test

Tank Id	Safety Valves		
	Previous	Last	Next
1 C/L	-	-	-
2 C/L	-	-	-
3 C/L	-	-	-

**---Conditional Portable Fire Extinguisher Requirements---**

Required Only During Transfer of Cargo or Operation of Barge Machinery

**--- Fire Fighting Equipment ---**

**\*Fire Extinguishers - Hand portable and semi-portable\***

Quantity	Class Type
2	40-B

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



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: CCL 10 (ex TCB 305)

Shipyard: Dravo Hull

Official #: D551976

Hull #: 6193

### 46 CFR 151 Tank Group Characteristics

Tank Group Information		Cargo Identification			Hull Type	Cargo Seg Tank	Tanks			Cargo Transfer		Environmental Control		Fire Protection Provided	Special Requirements		Elec Haz	Temp
Tnk Grp	Tanks in Group	Density	Press.	Temp.			Type	Vent	Gauge	Pipe Class	Cont	Tanks	Handling Space		General	Materials of Construction		
A	Three (3)	13.5	Atmos.	Amb.	II	1I 2II	Integral Gravity	PV	Open	II	G-1	NR	NA	Portable	40-1(f)(1), .50-70(a), .50-70(b), .50-73,	55-1(b), (c), (e), (f), (h), (j), 56-1(a), (b), (c), (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. NA 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 Identification							Conditions of Carriage				
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Mat's of Construction		
							App'd (Y or N)	VCS Category			

#### Authorized Subchapter O Cargoes

Adiponitrile	ADN	37	O	E	II	A	No	N/A	No
Alkyl(C7-C9) nitrates	AKN	34 <sup>2</sup>	O	NA	III	A	No	N/A	.50-81, .50-88
Aminoethylethanolamine	AEE	8	O	E	III	A	No	N/A	.55-1(b)
Ammonium bisulfite solution (70% or less)	ABX	43 <sup>2</sup>	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)
Anthracene oil (Coal tar fraction)	AHO	33	O	NA	II	A	No	N/A	No
Butyraldehyde (all isomers)	BAE	19	O	C	III	A	No	N/A	.55-1(h)
Camphor oil (light)	CPO	18	O	D	II	A	No	N/A	No
Carbon tetrachloride	CBT	36	O	NA	III	A	No	N/A	No
Caustic potash solution	CPS	5 <sup>2</sup>	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Caustic soda solution	CSS	5 <sup>2</sup>	O	NA	III	A	No	N/A	.50-73, .55-1(j)
Chlorobenzene	CRB	36	O	D	III	A	No	N/A	No
Chloroform	CRF	36	O	E	III	A	No	N/A	No
Creosote	CCW	21 <sup>2</sup>	O	E	III	A	No	N/A	No
Cresols (all isomers)	CRS	21	O	E	III	A	No	N/A	No
Cresylic acid tar	CRX		O		III	A	No	N/A	.55-1(f)
Cyclopentadiene, Styrene, Benzene mixture	CSB	30	O	D	III	A	No	N/A	.50-60, .56-1(b)
iso-Decyl acrylate	IAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b), .55-1(c)
2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution	DDE	43	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution	DTI	43 <sup>2</sup>	O	NA	III	A	No	N/A	.56-1(a), (b), (c), (g)
Diethanolamine	DEA	8	O	E	III	A	No	N/A	.55-1(c)
Diethylenetriamine	DET	7 <sup>2</sup>	O	E	III	A	No	N/A	.56-1(c)
Diisopropanolamine	DIP	8	O	E	III	A	No	N/A	.55-1(c)
Dodecyltrimethylamine, Tetradecyltrimethylamine mixture	DOT	7	O	E	III	A	No	N/A	.56-1(b)
Ethanolamine	MEA	8	O	E	III	A	No	N/A	.55-1(c)
Ethylene cyanohydrin	ETC	20	O	E	III	A	No	N/A	No
Ethylene glycol hexyl ether	EGH	40	O	E	III	A	No	N/A	No
Ethylene glycol propyl ether	EGP	40	O	E	III	A	No	N/A	No
2-Ethylhexyl acrylate	EAI	14	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Glutaraldehyde solution (50% or less)	GTA	19	O	NA	III	A	No	N/A	No
Isoprene	IPR	30	O	A	III	A	No	N/A	.50-70(a), .50-81(a), (b)
Kraft pulping liquors (free alkali content 3% or more)(including: Black, Green, or White liquor)	KPL	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c), (g)
Methyl diethanolamine	MDE	8	O	E	III	A	No	N/A	.56-1(b), (c)
2-Methyl-5-ethylpyridine	MEP	9	O	E	III	A	No	N/A	.55-1(e)
Morpholine	MPL	7 <sup>2</sup>	O	D	III	A	No	N/A	.55-1(c)
Polyethylene polyamines	PEB	7 <sup>2</sup>	O	E	III	A	No	N/A	.55-1(e)
Iso-Propanolamine	MPA	8	O	E	III	A	No	N/A	.55-1(c)
Propanolamine (iso-, n-)	PAX	8	O	E	III	A	No	N/A	.56-1(b), (c)



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **CCL 10 (ex TCB 305)**

Shipyard: Dravo Hull

Official #: D551976

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Hull #: 6193

Cargo Identification						Conditions of Carriage				
Name	Chem Code	Compat Group	Sub Chapter	Grade	Hull Type	Tank Group	Vapor Recovery		Special Requirements in 46 CFR 151 General and Ma'l's of Construction	
							App'd (Y or N)	VCS Category		
Sodium acetate, Glycol, Water mixture (3% or more Sodium Hydroxide)	SAP		O		III	A	No	N/A	.50-73, .55-1(f)	
Sodium aluminate solution (45% or less)	SAU	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (b), (c)	
Sodium chlorate solution (50% or less)	SDD	0	1,2	O	NA	III	A	No	N/A	.50-73
Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less)	SSH	0	1,2	O	NA	III	A	No	N/A	.50-73, .55-1(b)
Styrene monomer	STY	30	O	D	III	A	No	N/A	.50-70(a), .50-81(a), (b)	
Tetraethylenepentamine	TTP	7	O	E	III	A	No	N/A	.55-1(c)	
Triethanolamine	TEA	8	2	O	E	III	A	No	N/A	.55-1(b)
Triethylenetetramine	TET	7	2	O	E	III	A	No	N/A	.55-1(b)
Triphenylborane (10% or less), caustic soda solution	TPB	5	O	NA	III	A	No	N/A	.56-1(a), (b), (c)	
Trisodium phosphate solution	TSP	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c)	
Vanillin black liquor (free alkali content, 3% or more)	VBL	5	O	NA	III	A	No	N/A	.50-73, .56-1(a), (c), (g)	
Vinyl acetate	VAM	13	O	C	III	A	No	N/A	.50-70(a), .50-81(a), (b)	
Vinyl neodecanate	VND	13	O	E	III	A	No	N/A	.50-70(a), .50-81(a), (b)	



# Certificate of Inspection

## Cargo Authority Attachment

Vessel Name: **CCL 10 (ex TCB 305)**

Official #: **D551976**

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Shipyard: **Dravo Hull**

Hull #: **6193**

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

#### Cargo Identification

Name	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.
Chem Code none	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual. Certain mixtures of cargoes may not have a CHRIS Code assigned.
Compatability Group No.	The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
Note 1	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 (G-MSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone (202) 267-1217.
Note 2	See Appendix I to 46 CFR Part 150 - exceptions to the compatibility chart.
Subchapter Subchapter D Subchapter O Note 3	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. Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges.
Grade	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "{ }" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
A, B, C D, E Note 4	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.
NA #	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 I II III 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	The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo.
Vapor Recovery Approved (Y or N)	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	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.
Vapor Recovery Approved (Y or N)	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 components 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.
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 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	(High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5.
Category 7	(High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5.
none	The cargo has not been evaluated/classified for use in vapor control systems.

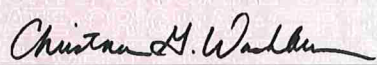


# UNITED STATES OF AMERICA

DEPARTMENT OF HOMELAND SECURITY  
UNITED STATES COAST GUARD

NATIONAL VESSEL DOCUMENTATION CENTER

## CERTIFICATE OF DOCUMENTATION


VESSEL NAME CCL 10		OFFICIAL NUMBER 551979	IMO OR OTHER NUMBER 6193	YEAR COMPLETED 1974	
HAILING PORT NEW ORLEANS LA		HULL MATERIAL STEEL		MECHANICAL PROPULSION NO	
GROSS TONNAGE 773 GRT	NET TONNAGE 773 NRT	LENGTH 195.1	BREADTH 35.1	DEPTH 10.0	
PLACE BUILT NEVILLE ISLAND PA					
OWNERS CHEM CARRIERS LLC COMPRISED OF ONE MEMBER			OPERATIONAL ENDORSEMENTS COASTWISE		
MANAGING OWNER CHEM CARRIERS LLC 1237 HIGHWAY 75 SUNSHINE LA 70780					
RESTRICTIONS NONE					
ENTITLEMENTS NONE					
REMARKS NONE					
ISSUE DATE OCTOBER 10, 2025		 DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER			
THIS CERTIFICATE EXPIRES					
NOVEMBER 30, 2026					





# National Pollution Funds Center

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VESSEL NAME	VESSEL TYPE	HULL TYPE	GROSS TONNAGE	COFR NUMBER	EFFECTIVE DATE	EXPIRATION DATE	COFR APPLICANT	VIN	INSURANCE CANCEL FLAG
 CCL 10	TANKBARGE	D	773	841310 - 21	12/12/2023	12/12/2026	CHEM CARRIERS, L.L.C	D551979	

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Version 3.7 -- This version is designed for Internet Explorer, Edge, Chrome, Firefox and Safari.



## Cargo Piping Test Letter

*Note: Test results are valid for (1) year from date of test!*

Date: <u>7/16/2025</u>	M.A.W.P.:	<u>125 psi</u>
Vessel: <u>CCL - 10</u>	Method of Test:	<u>AIR</u>
Owner: <u>Chem Carriers, LLC</u>	Testing Location:	<u>VLS Marine Services Plaquemine</u>
Address: <u>1237 HWY 75</u> <u>Sunshine, LA 70708</u>	Physical Address:	<u>1070 River Rd</u> <u>Sunshine, LA 70780</u>

### TRANSFER SYSTEM TESTING DATA

*\*\*\* Fill out completely. Write N/A on any non-applicable line. \*\*\**

Date:	Barge Piping:	Results	Note:
<u>7/16/2025</u>	<u>Cargo piping &amp; valves</u>	<u>187.5 p.s.i</u>	
<u>7/16/2025</u>	<u>Cargo pressure gauges</u>	<u>98% % accurate</u>	
<u>7/16/2025</u>	<u>Steam piping &amp; valves</u>	<u>125 p.s.i</u>	

*Note: Test each pressure gauges annually, accurate within 10 percent. Test each remote controlled operating or indicating equipment such as remotely operated valve, tank alarm, or emergency shutdown device. 33 CFR 156.170(c)(2) & 46 CFR 35.35-70(b)*

### SIGNATURES

*I credit that the tests contained herein were conducted in compliance with 33 CFR 156.170, 46 CFR 35.35-70.*

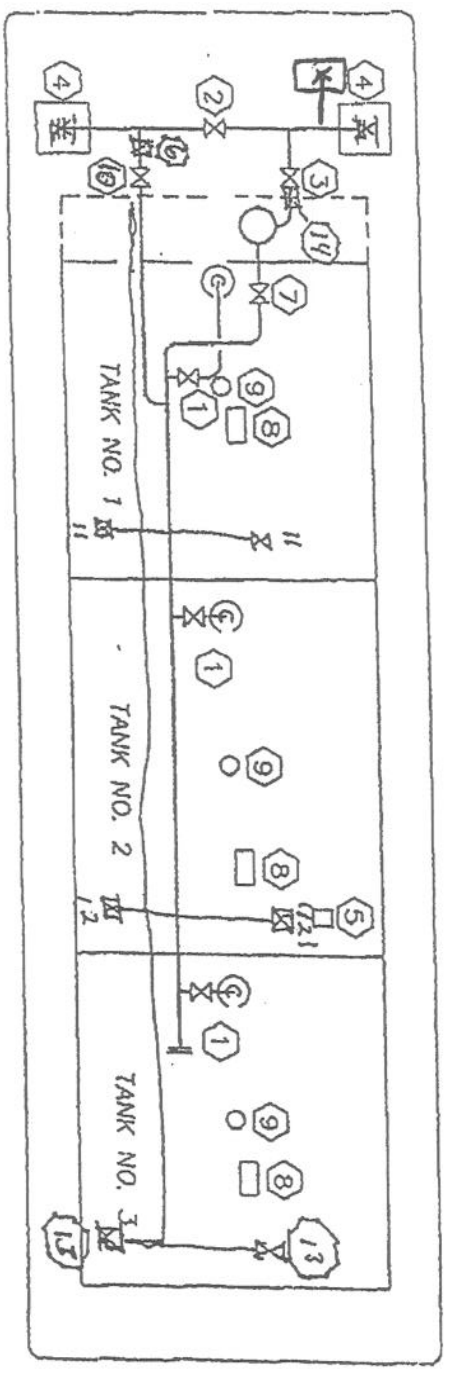
Tester name:	<u>Ricardo Silva</u>
Tester signature:	<u>Ricardo Silva</u>

#### VLS Recovery Services

Committed to providing the most reliable, efficient, and cost-effective recovery services for waste management, railcar cleaning, marine cleaning, marine repairs & industrial cleaning

CCL-10

- 1 - 8" CARGO TANK VALVE
- 2 - 8" HEADER CROSSOVER VALVE
- 3 - 6" DISCHARGE VALVE
- 4 - DRIP PAN
- 5 - REMOTE ENG. SHUTDOWN
- 6 - 8" CARGO FILL VALVE
- 7 - PUMP BLOCK VALVE
- 8 - P/V VALVE
- 9 - 8" ULLAGE
- 10 - 4" Overhead Load Valve
- 11 - #1 Cargo Tank Overhead
- 12 - #2 Cargo Tank Overhead
- 13 - #3 Cargo Tank Overhead



CARGO PIPING

CCL-10

# **CARGO TRANSFER PROCEDURES**

***CHEM CARRIERS L.L.C.***

## **TRANSFER FROM BARGE TO DOCK**

### **PARTS**

1. **PRODUCTS TRANSFERRED**
2. **DESCRIPTION OF SYSTEM**
3. **PERSONS ON DUTY**
4. **PERSONS IN CHARGE**
5. **EMERGENCY SHUTDOWN**
6. **TOPPING OFF PROCEDURE**
7. **COMPLETION OF TRANSFER**
8. **REPORTING CARGO SPILLS**
9. **VESSEL CLOSURES**
10. **PRODUCT DATA**  
Barge CCL 10

### **PARTS 1.                   PRODUCTS TRANSFERRED**

33 CFR 155.750 (a) (1) (i)

**This vessel is certificated for the carriage of grades "A" and lower Sub-Chapter (D) and (O) Products. Reference Certificate of Inspection.**

### **PARTS 2.                   DESCRIPTION OF CARGO TRANSFER SYSTEM**

33 CFR 155.750 (a) (2) (i) (ii)

The standard cargo transfer procedures apply to all Chem Carrier L.L.C. owned or leased tank barges. In most cases other than series built barges, the cargo piping arrangement is usually slightly different on every barge, and for this reason, the piping diagram must be studied before loading or discharging a barge. The basic concept for loading and discharging is fairly standard depending on the location of the pump.

A.     ( Reference the piping diagram for transfer system arrangement.)

B.     PROCEDURES FOR THE CONTAINMENT SYSTEM

33 CFR 155.310 (a) (1) (iv)

33 CFR 155.750 (a) (2) (iii)

- 1).    The containment pans are equipped with a drain for the removal of slops to shore facilities:

NEVER DRAIN THE CONTAINMENT TANKS ONTO THE DECK.

### **PARTS 3.                   PERSONS ON DUTY DURING TRANSFER**

33 CFR 155.750 (a) (3)

Number of persons required to be on duty during transfer operations:

- A. At no time during the transfer operation will be less than one responsible person on duty. The certified tankerman assigned shall be in charge and responsible for the safe transfer of cargo.

### **PARTS 4.                   PERSONS IN CHARGE**

The tankerman (person in charge) is responsible for transferring cargo and carrying out related operations on board in an efficient, safe, and pollution free manner. The tankerman whether employed by the towboat, owner, operator, a shore tankerman service, or Chem Carriers L.L.C., shall comply with all Coast Guard, State and local regulations. Tankerman's responsibility shall include but not be limited to the following:

- A. To have on his/her person a valid merchant marine document endorsed as tankerman, certified to handle the grade of cargo to be transferred.
- B. Make a thorough inspection of the barge prior to the start of transfer operation.
- C. To have proper connection of the grounding cable.
- D. The vessel's moorings are adequate to hold during all expected conditions of surge, current, wind, tide, ect., and lines are long enough to allow for surge, tide, wind, changes in draft ect.
- E. Proper hose sizes, lengths, support, and connections.
- F. The condition of fire extinguishers and required number.
- F. The person in charge of transfer operations on the transferring vessel or facility and the person in charge of transferring operations on the receiving vessel or facility agree to begin the transfer operations.
- H. The transfer operation between tank barges and dock facilities should be lighted between sunset and sunrise to comply with the U. S. Coast Guard regulation pertaining to the displaying of lights on barges as required by Title 33.

**PARTS 5:            EMERGENCY SHUTDOWN**

33 CFR 155.750 (a) (6)

THE EMERGENCY SHUTDOWN IS LOCATED NEAR THE CENTER OF THE BARGE.

- A. In the event of an emergency, transfer operations can be stopped by pulling the remote shutdown cable.
- B. Familiarize yourself with its location and operation prior to transfer.

**PARTS 6;                                    TOPPING OFF PROCEDURES**

33 CFR 155.750 (a) (7)

In the process of topping off, tanks should be loaded at different levels to top off one at a time. Extra care should be taken to avoid over pressuring the connections, and hoses by closing valves against the receiving line. Since barges and facilities vary in their systems, no standard for topping off exist, but the following should be considered:

- A. The closing of one tank increases the rate of flow to other tanks on the same line.
- B. Always consider temperature and cargo in accordance with the amount of expansion that should be allowed.
- C. Always maintain communications with dock or shore personnel.
- D. CCL 10 is equipped with an overhead load line with (2) load valve(s) for each cargo tank. This line is intended for use in the caustic soda trade to load over frozen sumps.

**PARTS 7:            COMPLETION OF TRANSFER**

33 CFR 155.750 (a) (8)

Upon the completion of the transfer all pipelines should be vented and drained into cargo tanks. The header valve used during the operation should than be closed, sealed off with a blind flange securing all bolt holes with bolts and nuts. Shore personnel should seal lines and hatches on vessel.

## **PARTS 8:**

## **REPORTING CARGO SPILLS**

33 CFR 155.750 (a) (9)

Should an accidental discharge of product occur, you should consider the following:

- A. Locate the source of the spill and try to stop it, if possible, and safe to do so.
- B. Make an attempt to contain the product if possible.
- C. Notify the Coast Guard. The national Response Center at 1-800-424-9300.
- D. Notify Chem Carriers L.L.C. at (225) 642-0060
- E. If loading, transfer the cargo from the leaking tank to an adjacent tank or back to the dock if safe to do so.
- F. If discharging, pump the product from the leaking tank as quickly as possible if safe to do so.

**\*When reporting a spill, the tankerman should provide the following information:**

- A. Name (his or her)
- B. Name of Company: (employed by;  
(contracted by;
- C. Name of Barge.
- D. Spill Location
- E. Specify Product.
- F. Estimate Quantity of Spill
- G. Weather, Tide, Sea and Current Conditions.
- H. Cause of Spill.
- I. Action Being Taken to Contain and Stop Spill

## **PART 9**

## **CLOSURES ON VESSELS**

Upon completion of cargo transfer operations, all tank hatch covers, ullage covers, and gauging device covers shall be dogged down and secured. In addition, the vent drain valves, if installed, should be secured and left in the proper position. All drain valves should be closed, and drip pan covers, if installed, should be made up tight. Covers for void spaces, bow and stern compartments shall be secured at all times and checked for tightness. Closing devices on clean-out hatches and clean-out opening should be checked, especially when the barge is loaded.

## **PART 10**

## **PRODUCT DATA**

See specific MSDS sheets provided with these procedures.

In case of any other emergency, immediately shut down and notify the transferring facility, and Chem Carriers L.L.C.

(225) 642-0060 24 Hour Line.

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commanding Officer  
United States Coast Guard  
Marine Safety Center

US Coast Guard Stop 7430  
2703 Martin Luther King Jr. Ave. SE  
Washington, DC 20593-7430  
Staff Symbol: MSC-5  
Phone: (202) 795-6729  
Email: securityplaninfo@uscg.mil

16710  
VS-326893  
December 3, 2024

Chem Carriers, LLC  
Attn: Robert Banta  
1237 Hwy 75  
Sunshine, LA 70780  
robert@chemcarriers.com

Subj: CHEM CARRIERS, LLC VESSELS  
VESSEL SECURITY PLAN APPROVAL WITH AMENDMENTS

Ref: (a) Your correspondence dated November 6, 2024  
(b) Title 33 Code of Federal Regulations (CFR) Part 104  
(c) MSC Vessel Security Plan Approval letter dated October 16, 2024

Dear Mr. Banta:

We have conducted a review of the Vessel Security Plan (VSP) submitted with reference (a) in accordance with reference (b) and it is "**Approved.**"

Your vessel must operate in compliance with this approved VSP and the requirements contained in reference (b). You are reminded to immediately report any deviation from this approved plan to the local Captain of the Port (COTP)/Officer in Charge, Marine Inspection (OCMI).

This approval will remain valid until five years from the date of reference (c) unless rescinded in writing by the local COTP/OCMI. You must review your plan annually and submit any amendments to this office for approval. Please ensure that a copy of the VSP is maintained on board the vessel if manned, or, if unmanned, at a suitable secure location so that it is readily available during an emergency or security incident. You shall make available to the Coast Guard, upon request, this letter, the VSP and any information related to the implementation of the VSP. Our Case Number for this plan is 326893. Please ensure that all future correspondence includes this Case Number.

Sincerely,

K. C. WILLIAMS  
Lieutenant Commander, U.S. Coast Guard  
Chief, Vessel Security Division  
By direction

Enclosures: (1) List of Vessel Security Plan Amendments  
(2) List of Vessels Covered

**List of Vessels Covered**

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL-1	518612
CCL 2	510107
CCL-3	296363
CCL 4	512519
CCL-5	512520
CCL-6	530996
CCL7	551980
CCL 8	551982
CCL 9	551983
CCL 10	551979
CCL 11	551976
CCL 14	1164451
CCL 15	1164452
CCL 16	1164666
CCL 17	1166179
CCL 18	1168981
CCL 19	1168980
CCL 20	1191598
CCL 21	1191599
CCL 22	1191600
CCL 23	1191601
CCL 24	1196547
CCL 25	1196548
CCL 26	1203816
CCL 27	1203817
CCL 28	1212828
CCL 29	1212829
CCL 30	1305871
CCL 31	1305870
CCL 32	1305869
CCL 33	1305868
CCL 401	1216671
CCL 402	1219910
CCL 403	1231311
CCL 404	1231312
CCL 405	1236867
CCL 406	1236866
CCL 407	1246320
CCL 408	1246097
CCL 409	1246098
CCL 410	1255906
CCL 411	1255907
CCL 414-L	1262941
CCL 415-T	1262942

<u>Vessel Name</u>	<u>Official Number (O.N.)</u>
CCL 416-T	1264691
CCL 417 T	1298307
CCL 418-L	1306896
CCL 419-L	1306897
CCL 420-T	1348560
CCL 421-T	CG1843359
CCL 3202	1089031
HFL 413	1237482
HFL 415	1237483
HFL 435	1236563
HFL 605	1237484

CCL-10

BARGE "T"  
TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER: 1

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

DRAGO MULL NO. 6193

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	1,222	0	12,066	0	22,908	0	33,721	0	44,558	0	55,402	0	66,245	0	77,089	0	87,932	0	98,776	0	109,566	0	118,988	0	128,470	0	137,952	0	143,977
1/8	1,448	1/8	12,292	1/8	23,134	1/8	33,976	1/8	44,814	1/8	55,658	1/8	66,501	1/8	77,345	1/8	88,188	1/8	99,032	1/8	109,822	1/8	119,244	1/8	128,726	1/8	138,208	1/8	144,233
1/4	1,674	1/4	12,518	1/4	23,360	1/4	34,202	1/4	45,040	1/4	55,884	1/4	66,727	1/4	77,571	1/4	88,414	1/4	99,258	1/4	110,048	1/4	119,470	1/4	128,952	1/4	138,434	1/4	144,459
3/8	1,900	3/8	12,744	3/8	23,586	3/8	34,428	3/8	45,266	3/8	56,110	3/8	66,953	3/8	77,797	3/8	88,640	3/8	99,484	3/8	110,274	3/8	119,696	3/8	129,178	3/8	138,660	3/8	144,685
1/2	2,126	1/2	12,970	1/2	23,812	1/2	34,654	1/2	45,492	1/2	56,336	1/2	67,179	1/2	78,023	1/2	88,866	1/2	99,710	1/2	110,500	1/2	119,922	1/2	129,404	1/2	138,886	1/2	144,911
5/8	2,352	5/8	13,196	5/8	24,038	5/8	34,880	5/8	45,718	5/8	56,562	5/8	67,405	5/8	78,249	5/8	89,092	5/8	99,936	5/8	110,726	5/8	119,148	5/8	128,630	5/8	138,112	5/8	144,137
7/8	2,578	7/8	13,422	7/8	24,264	7/8	35,106	7/8	45,944	7/8	56,788	7/8	67,631	7/8	78,475	7/8	89,318	7/8	100,162	7/8	110,952	7/8	119,374	7/8	128,856	7/8	138,338	7/8	144,363
1	2,804	1	13,648	1	24,490	1	35,342	1	46,180	1	57,024	1	67,867	1	78,711	1	89,554	1	100,398	1	111,188	1	119,610	1	129,092	1	138,574	1	144,599
1 1/8	3,030	1 1/8	13,874	1 1/8	24,715	1 1/8	35,568	1 1/8	46,406	1 1/8	57,250	1 1/8	68,093	1 1/8	78,937	1 1/8	89,780	1 1/8	100,624	1 1/8	111,414	1 1/8	119,836	1 1/8	129,318	1 1/8	138,800	1 1/8	144,825
1 1/4	3,256	1 1/4	14,099	1 1/4	24,941	1 1/4	35,748	1 1/4	46,592	1 1/4	57,436	1 1/4	68,279	1 1/4	79,123	1 1/4	89,966	1 1/4	100,810	1 1/4	111,600	1 1/4	119,022	1 1/4	128,504	1 1/4	137,986	1 1/4	144,011
1 1/2	3,482	1 1/2	14,325	1 1/2	25,167	1 1/2	35,974	1 1/2	46,818	1 1/2	57,662	1 1/2	68,505	1 1/2	79,349	1 1/2	90,192	1 1/2	101,036	1 1/2	111,826	1 1/2	119,248	1 1/2	128,730	1 1/2	138,212	1 1/2	144,237
1 3/4	3,708	1 3/4	14,551	1 3/4	25,393	1 3/4	36,200	1 3/4	47,044	1 3/4	57,888	1 3/4	68,731	1 3/4	79,575	1 3/4	90,418	1 3/4	101,262	1 3/4	112,052	1 3/4	119,474	1 3/4	128,956	1 3/4	138,438	1 3/4	144,463
2	3,934	2	14,777	2	25,619	2	36,426	2	47,269	2	58,113	2	68,956	2	79,800	2	90,643	2	101,487	2	112,277	2	119,699	2	129,181	2	138,663	2	144,688
2 1/8	4,160	2 1/8	15,003	2 1/8	25,845	2 1/8	36,652	2 1/8	47,493	2 1/8	58,337	2 1/8	69,180	2 1/8	80,024	2 1/8	90,867	2 1/8	101,711	2 1/8	112,501	2 1/8	119,923	2 1/8	129,405	2 1/8	138,887	2 1/8	144,912
2 1/4	4,386	2 1/4	15,229	2 1/4	26,071	2 1/4	36,878	2 1/4	47,721	2 1/4	58,565	2 1/4	69,408	2 1/4	80,252	2 1/4	91,095	2 1/4	101,939	2 1/4	112,729	2 1/4	119,151	2 1/4	128,633	2 1/4	138,115	2 1/4	144,140
2 1/2	4,612	2 1/2	15,455	2 1/2	26,297	2 1/2	37,104	2 1/2	47,947	2 1/2	58,791	2 1/2	69,634	2 1/2	80,478	2 1/2	91,321	2 1/2	102,165	2 1/2	112,955	2 1/2	119,377	2 1/2	128,859	2 1/2	138,341	2 1/2	144,366
2 3/4	4,838	2 3/4	15,680	2 3/4	26,522	2 3/4	37,329	2 3/4	48,171	2 3/4	59,016	2 3/4	69,860	2 3/4	80,703	2 3/4	91,547	2 3/4	102,390	2 3/4	113,180	2 3/4	119,602	2 3/4	129,084	2 3/4	138,566	2 3/4	144,591
3	5,064	3	15,906	3	26,747	3	37,555	3	48,399	3	59,242	3	70,086	3	80,929	3	91,773	3	102,616	3	113,406	3	119,828	3	129,310	3	138,792	3	144,817
3 1/8	5,290	3 1/8	16,132	3 1/8	26,973	3 1/8	37,781	3 1/8	48,625	3 1/8	59,468	3 1/8	70,312	3 1/8	81,155	3 1/8	91,999	3 1/8	102,842	3 1/8	113,632	3 1/8	119,054	3 1/8	128,536	3 1/8	138,018	3 1/8	144,043
3 1/4	5,516	3 1/4	16,358	3 1/4	27,197	3 1/4	38,007	3 1/4	48,851	3 1/4	59,694	3 1/4	70,538	3 1/4	81,381	3 1/4	92,225	3 1/4	103,068	3 1/4	113,858	3 1/4	119,280	3 1/4	128,762	3 1/4	138,244	3 1/4	144,269
3 1/2	5,742	3 1/2	16,584	3 1/2	27,422	3 1/2	38,233	3 1/2	49,077	3 1/2	59,920	3 1/2	70,764	3 1/2	81,607	3 1/2	92,451	3 1/2	103,294	3 1/2	114,084	3 1/2	119,506	3 1/2	128,984	3 1/2	138,466	3 1/2	144,494
3 3/4	5,968	3 3/4	16,810	3 3/4	27,647	3 3/4	38,459	3 3/4	49,302	3 3/4	60,146	3 3/4	70,989	3 3/4	81,833	3 3/4	92,676	3 3/4	103,520	3 3/4	114,314	3 3/4	119,736	3 3/4	129,218	3 3/4	138,700	3 3/4	144,721
4	6,194	4	17,036	4	27,872	4	38,685	4	49,528	4	60,372	4	71,215	4	82,059	4	92,902	4	103,746	4	114,540	4	119,962	4	129,444	4	138,926	4	144,951
4 1/8	6,419	4 1/8	17,262	4 1/8	28,097	4 1/8	38,911	4 1/8	49,754	4 1/8	60,598	4 1/8	71,441	4 1/8	82,285	4 1/8	93,128	4 1/8	103,972	4 1/8	114,734	4 1/8	120,156	4 1/8	129,638	4 1/8	139,120	4 1/8	145,146
4 1/4	6,645	4 1/4	17,487	4 1/4	28,322	4 1/4	39,137	4 1/4	49,980	4 1/4	60,824	4 1/4	71,667	4 1/4	82,511	4 1/4	93,354	4 1/4	104,198	4 1/4	114,992	4 1/4	120,378	4 1/4	129,860	4 1/4	139,342	4 1/4	145,371
4 1/2	6,871	4 1/2	17,713	4 1/2	28,547	4 1/2	39,363	4 1/2	50,206	4 1/2	61,050	4 1/2	71,893	4 1/2	82,737	4 1/2	93,580	4 1/2	104,424	4 1/2	115,218	4 1/2	120,600	4 1/2	130,082	4 1/2	139,564	4 1/2	145,596
4 3/4	7,097	4 3/4	17,939	4 3/4	28,771	4 3/4	39,589	4 3/4	50,432	4 3/4	61,276	4 3/4	72,119	4 3/4	82,963	4 3/4	93,806	4 3/4	104,650	4 3/4	115,442	4 3/4	120,822	4 3/4	130,304	4 3/4	139,786	4 3/4	145,821
5	7,323	5	18,165	5	28,996	5	39,814	5	50,658	5	61,501	5	72,345	5	83,188	5	94,032	5	104,875	5	115,669	5	121,052	5	130,534	5	140,016	5	146,041
5 1/8	7,549	5 1/8	18,391	5 1/8	29,221	5 1/8	40,040	5 1/8	50,884	5 1/8	61,727	5 1/8	72,571	5 1/8	83,414	5 1/8	94,258	5 1/8	105,101	5 1/8	115,895	5 1/8	121,274	5 1/8	130,756	5 1/8	140,238	5 1/8	146,263
5 1/4	7,775	5 1/4	18,617	5 1/4	29,446	5 1/4	40,266	5 1/4	51,110	5 1/4	61,953	5 1/4	72,797	5 1/4	83,640	5 1/4	94,484	5 1/4	105,327	5 1/4	116,121	5 1/4	121,498	5 1/4	130,980	5 1/4	140,460	5 1/4	146,485
5 1/2	8,001	5 1/2	18,843	5 1/2	29,671	5 1/2	40,492	5 1/2	51,336	5 1/2	62,179	5 1/2	73,023	5 1/2	83,866	5 1/2	94,710	5 1/2	105,553	5 1/2	116,314	5 1/2	121,674	5 1/2	131,162	5 1/2	140,642	5 1/2	146,717
5 3/4	8,226	5 3/4	19,069	5 3/4	29,896	5 3/4	40,718	5 3/4	51,562	5 3/4	62,405	5 3/4	73,249	5 3/4	84,092	5 3/4	94,936	5 3/4	105,779	5 3/4	116,530	5 3/4	121,856	5 3/4	131,344	5 3/4	140,824	5 3/4	146,942
6	8,452	6	19,294	6	30,121	6	40,944	6	51,787	6	62,631	6	73,474	6	84,318	6	95,161	6	106,005	6	116,827	6	122,210	6	131,692	6	141,174	6	147,200
6 1/8	8,678	6 1/8	19,520	6 1/8	30,346	6 1/8	41,170	6 1/8	52,013	6 1/8	62,857	6 1/8	73,700	6 1/8	84,544	6 1/8	95,387	6 1/8	106,251	6 1/8	117,069	6 1/8	122,456	6 1/8	131,938	6 1/8	141,416	6 1/8	147,441
6 1/4	8,904	6 1/4	19,746	6 1/4	30,571	6 1/4	41,396	6 1/4	52,239	6 1/4	63,083	6 1/4	73,926	6 1/4	84,770	6 1/4	95,613	6 1/4	106,457	6 1/4	117,282	6 1/4	122,652	6 1/4	132,160	6 1/4	141,694	6 1/4	147,717
6 1/2	9,130	6 1/2	19,972	6 1/2	30,796	6 1/2	41,622	6 1/2	52,465	6 1/2	63,309	6 1/2	74,152	6 1/2	84,996	6 1/2	95,839	6 1/2	106,683	6 1/2	117,498	6 1/2	122,848	6 1/2	132,378	6 1/2	141,918	6 1/2	147,942
6 3/4	9,356	6 3/4	20,198	6 3/4	31,021	6 3/4	41,848	6 3/4	52,691	6 3/4	63,535	6 3/4	74,378	6 3/4	85,222	6 3/4	96,065	6 3/4	106,909	6 3/4	117,677	6 3/4	123,036	6 3/4	132,558	6 3/4	142,138	6 3/4	148,163
7	9,582	7	20,424	7	31,246	7	42,073	7	52,917	7</																			

CCL-20

**BARGE**

TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

2

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

DRAVO HULL NO. 6193

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	
1	1,223	12,078	22,932	33,759	44,609	55,464	66,320	77,176	88,031	98,887	109,742	120,598	131,454	142,309	149,307
2	1,449	12,304	23,158	34,085	44,835	55,691	66,546	77,407	88,257	99,113	109,969	120,824	131,680	142,535	149,520
3	1,676	12,530	23,385	34,210	45,061	55,917	66,772	77,628	88,484	99,339	110,195	121,050	131,906	142,761	
4	1,902	12,756	23,611	34,435	45,287	56,143	67,029	77,915	88,710	99,565	110,421	121,276	132,132	142,988	
5	2,128	12,982	23,837	34,661	45,514	56,369	67,223	78,080	88,936	99,791	110,647	121,503	132,358	143,214	
6	2,354	13,208	24,063	34,886	45,740	56,595	67,451	78,306	89,162	100,018	110,873	121,729	132,584	143,440	
7	2,580	13,435	24,289	35,111	45,966	56,821	67,677	78,533	89,388	100,244	111,099	121,955	132,811	143,666	
8	2,806	13,661	24,515	35,336	46,192	57,048	67,903	78,759	89,614	100,470	111,326	122,181	133,037	143,892	
9	3,032	13,887	24,741	35,563	46,418	57,274	68,129	78,985	89,840	100,696	111,552	122,407	133,263	144,118	
10	3,258	14,115	24,968	35,789	46,644	57,500	68,355	79,211	90,067	100,922	111,778	122,633	133,489	144,345	
11	3,485	14,339	25,194	36,015	46,870	57,726	68,582	79,437	90,293	101,148	112,004	122,860	133,715	144,571	
12	3,711	14,565	25,420	36,241	47,097	57,952	68,808	79,663	90,519	101,375	112,230	123,086	133,941	144,797	
13	3,937	14,791	25,646	36,467	47,323	58,178	69,034	79,890	90,745	101,601	112,456	123,312	134,167	145,023	
14	4,163	15,018	25,872	36,693	47,549	58,405	69,260	80,116	90,971	101,827	112,682	123,538	134,394	145,249	
15	4,389	15,244	26,098	36,920	47,775	58,631	69,486	80,342	91,197	102,053	112,909	123,764	134,620	145,475	
16	4,615	15,470	26,324	37,146	48,001	58,857	69,712	80,568	91,424	102,279	113,135	123,990	134,846	145,701	
17	4,841	15,696	26,550	37,372	48,227	59,083	69,939	80,794	91,650	102,505	113,361	124,217	135,072	145,927	
18	5,068	15,922	26,775	37,598	48,454	59,309	70,165	81,020	91,876	102,731	113,587	124,443	135,298	146,104	
19	5,294	16,148	27,000	37,824	48,680	59,535	70,391	81,246	92,102	102,958	113,813	124,669	135,524	146,282	
20	5,520	16,374	27,226	38,050	48,906	59,761	70,617	81,473	92,328	103,184	114,039	124,895	135,751	146,483	
21	5,746	16,601	27,451	38,276	49,132	59,988	70,843	81,699	92,554	103,410	114,266	125,121	135,977	146,669	
22	5,972	16,827	27,676	38,503	49,358	60,214	71,069	81,925	92,781	103,636	114,492	125,347	136,203	146,857	
23	6,198	17,053	27,901	38,729	49,584	60,440	71,296	82,151	93,007	103,862	114,718	125,573	136,429	147,021	
24	6,424	17,279	28,127	38,955	49,811	60,666	71,522	82,377	93,233	104,088	114,944	125,800	136,655	147,184	
25	6,651	17,505	28,352	39,181	50,037	60,892	71,748	82,603	93,459	104,315	115,170	126,026	136,881	147,347	
26	6,877	17,731	28,577	39,407	50,263	61,118	71,974	82,830	93,685	104,541	115,396	126,252	137,108	147,511	
27	7,103	17,957	28,803	39,633	50,489	61,345	72,200	83,056	93,911	104,767	115,623	126,478	137,334	147,649	
28	7,329	18,183	29,028	39,860	50,715	61,571	72,426	83,282	94,137	104,993	115,849	126,704	137,560	147,787	
29	7,555	18,410	29,253	40,086	50,941	61,797	72,652	83,508	94,364	105,219	116,075	126,930	137,786	147,925	
30	7,781	18,636	29,479	40,312	51,167	62,023	72,879	83,734	94,590	105,445	116,301	127,157	138,012	148,064	
31	8,007	18,862	29,704	40,538	51,394	62,249	73,105	83,960	94,816	105,672	116,527	127,383	138,238	148,177	
32	8,233	19,088	29,929	40,764	51,620	62,475	73,331	84,187	95,042	105,898	116,753	127,609	138,464	148,290	
33	8,460	19,314	30,154	40,990	51,846	62,702	73,557	84,413	95,268	106,124	116,979	127,835	138,691	148,403	
34	8,686	19,540	30,380	41,217	52,072	62,928	73,783	84,639	95,494	106,350	117,206	128,061	138,917	148,516	
35	8,912	19,766	30,605	41,443	52,298	63,154	74,009	84,865	95,721	106,576	117,432	128,287	139,143	148,604	
36	9,138	19,993	30,830	41,669	52,524	63,380	74,236	85,091	95,947	106,802	117,658	128,514	139,369	148,692	
37	9,364	20,219	31,056	41,895	52,751	63,606	74,462	85,317	96,173	107,029	117,884	128,740	139,595	148,780	
38	9,590	20,445	31,281	42,121	52,977	63,832	74,688	85,543	96,399	107,255	118,110	128,966	139,821	148,868	
39	9,816	20,671	31,506	42,347	53,203	64,058	74,914	85,770	96,625	107,481	118,336	129,192	140,048	148,931	
40	10,043	20,897	31,732	42,573	53,429	64,285	75,140	85,996	96,851	107,707	118,562	129,418	140,274	149,091	
41	10,269	21,123	31,957	42,800	53,655	64,511	75,366	86,222	97,079	107,933	118,789	129,644	140,500	149,056	
42	10,495	21,349	32,182	43,026	53,881	64,737	75,592	86,448	97,304	108,159	119,015	129,870	140,726	149,119	
43	10,721	21,576	32,408	43,252	54,108	64,963	75,819	86,674	97,530	108,385	119,241	130,097	140,952	149,157	
44	10,947	21,802	32,633	43,478	54,334	65,189	76,045	86,900	97,756	108,612	119,467	130,323	141,178	149,184	
45	11,173	22,028	32,858	43,704	54,560	65,415	76,271	87,127	97,982	108,838	119,693	130,549	141,405	149,232	
46	11,399	22,254	33,083	43,930	54,786	65,642	76,497	87,353	98,208	109,064	119,920	130,775	141,631	149,270	
47	11,626	22,480	33,309	44,157	55,012	65,868	76,723	87,579	98,434	109,290	120,146	131,001	141,857	149,282	
48	11,852	22,706	33,534	44,383	55,238	66,094	76,949	87,805	98,661	109,516	120,372	131,227	142,083	149,295	

CAPACITY IN U. S. GALLONS

\*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15" ± 3/4" (TO METAL STRIP ACROSS STANDPIPE)

STRAPPED JANUARY 31, 1974

*J. R. Pantox*

Chas. MARTIN  
Inspectors  
of Petroleum, Inc.  
INDEPENDENT OILBURNER INSPECTORS  
JAMES J. MULLIN, PRESIDENT

CC-10  
BARGE

TWIN CITY BARGE & TOWING COMPANY

TANK NUMBER:

3

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

DRAVO MULL NO. 6193

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	1.449	12,258	25,148	35,996	44,847	55,697	66,548	77,398	88,249	99,100	109,950	120,800	131,650	142,500	153,350	164,200	175,050	185,900	196,750	207,600	218,450	229,300	240,150	251,000	261,850	272,700	283,550	294,400	305,250	316,100
1	1.675	12,524	23,374	34,222	45,073	55,923	66,774	77,624	88,475	99,326	110,176	121,026	131,876	142,726	153,576	164,426	175,276	186,126	196,976	207,826	218,676	229,526	240,376	251,226	262,076	272,926	283,776	294,626	305,476	316,326
2	1.901	12,750	23,600	34,448	45,299	56,149	67,000	77,851	88,701	99,552	110,402	121,252	132,102	142,952	153,802	164,652	175,502	186,352	197,202	208,052	218,902	229,752	240,602	251,452	262,302	273,152	284,002	294,852	305,702	316,552
3	2.127	12,976	23,826	34,674	45,525	56,375	67,226	78,077	88,927	99,778	110,628	121,478	132,328	143,178	154,028	164,878	175,728	186,578	197,428	208,278	219,128	230,000	240,850	251,700	262,550	273,400	284,250	295,100	305,950	316,800
4	2.353	13,202	24,052	34,900	45,751	56,602	67,452	78,303	89,153	100,004	110,855	121,705	132,555	143,405	154,255	165,105	175,955	186,805	197,655	208,505	219,355	230,205	241,055	251,905	262,755	273,605	284,455	295,305	306,155	317,005
5	2.579	13,428	24,278	35,126	45,977	56,828	67,678	78,529	89,379	100,230	111,080	121,930	132,780	143,630	154,480	165,330	176,180	187,030	197,880	208,730	219,580	230,430	241,280	252,130	262,980	273,830	284,680	295,530	306,380	317,230
6	2.805	13,654	24,504	35,352	46,203	57,054	67,904	78,755	89,605	100,456	111,306	122,156	133,006	143,856	154,706	165,556	176,406	187,256	198,106	208,956	219,806	230,656	241,506	252,356	263,206	274,056	284,906	295,756	306,606	317,456
7	3.031	13,881	24,730	35,579	46,429	57,280	68,130	78,981	89,831	100,682	111,532	122,382	133,232	144,082	154,932	165,782	176,632	187,482	198,332	209,182	220,032	230,882	241,732	252,582	263,432	274,282	285,132	295,982	306,832	317,682
8	3.257	14,107	24,956	35,805	46,655	57,506	68,356	79,207	90,057	100,908	111,758	122,608	133,458	144,308	155,158	166,008	176,858	187,708	198,558	209,408	220,258	231,108	241,958	252,808	263,658	274,508	285,358	296,208	307,058	317,908
9	3.483	14,333	25,182	36,031	46,884	57,735	68,585	79,436	90,286	101,136	111,986	122,836	133,686	144,536	155,386	166,236	177,086	187,936	198,786	209,636	220,486	231,336	242,186	253,036	263,886	274,736	285,586	296,436	307,286	318,136
10	3.709	14,559	25,408	36,257	47,107	57,958	68,808	79,659	90,510	101,360	112,210	123,060	133,910	144,760	155,610	166,460	177,310	188,160	199,010	209,860	220,710	231,560	242,410	253,260	264,110	274,960	285,810	296,660	307,510	318,360
11	3.935	14,785	25,634	36,483	47,355	58,206	69,056	79,907	90,758	101,608	112,458	123,308	134,158	145,008	155,858	166,708	177,558	188,408	199,258	210,108	220,958	231,808	242,658	253,508	264,358	275,208	286,058	296,908	307,758	318,608
12	4.161	15,011	25,860	36,709	47,559	58,410	69,260	80,111	90,962	101,812	112,662	123,512	134,362	145,212	156,062	166,912	177,762	188,612	199,462	210,312	221,162	232,012	242,862	253,712	264,562	275,412	286,262	297,112	307,962	318,812
13	4.387	15,237	26,086	36,935	47,785	58,636	69,487	80,337	91,188	102,038	112,888	123,738	134,588	145,438	156,288	167,138	177,988	188,838	199,688	210,538	221,388	232,238	243,088	253,938	264,788	275,638	286,488	297,338	308,188	319,038
14	4.613	15,463	26,312	37,161	48,013	58,864	69,715	80,566	91,417	102,267	113,117	123,967	134,817	145,667	156,517	167,367	178,217	189,067	199,917	210,767	221,617	232,467	243,317	254,167	265,017	275,867	286,717	297,567	308,417	319,267
15	4.839	15,689	26,538	37,387	48,238	59,089	70,000	80,851	91,702	102,552	113,402	124,252	135,102	145,952	156,802	167,652	178,502	189,352	200,202	211,052	221,902	232,752	243,602	254,452	265,302	276,152	287,002	297,852	308,702	319,552
16	5.065	15,915	26,764	37,613	48,464	59,315	70,216	81,067	91,918	102,768	113,618	124,468	135,318	146,168	157,018	167,868	178,718	189,568	200,418	211,268	222,118	232,968	243,818	254,668	265,518	276,368	287,218	298,068	308,918	319,768
17	5.291	16,141	26,990	37,839	48,694	59,540	70,440	81,291	92,142	102,992	113,842	124,692	135,542	146,392	157,242	168,092	178,942	189,792	200,642	211,492	222,342	233,192	244,042	254,892	265,742	276,592	287,442	298,292	309,142	320,000
18	5.517	16,367	27,216	38,065	48,916	59,766	70,617	81,468	92,319	103,169	114,019	124,869	135,719	146,569	157,419	168,269	179,119	190,000	200,850	211,700	222,550	233,400	244,250	255,100	265,950	276,800	287,650	298,500	309,350	320,200
19	5.743	16,593	27,442	38,291	49,142	60,000	70,851	81,702	92,553	103,403	114,253	125,103	135,953	146,803	157,653	168,503	179,353	190,203	201,053	211,903	222,753	233,603	244,453	255,303	266,153	277,003	287,853	298,703	309,553	320,403
20	5.969	16,819	27,668	38,517	49,368	60,218	71,069	81,920	92,771	103,621	114,471	125,321	136,171	147,021	157,871	168,721	179,571	190,421	201,271	212,121	222,971	233,821	244,671	255,521	266,371	277,221	288,071	298,921	309,771	320,621
21	6.195	17,045	27,894	38,743	49,594	60,444	71,295	82,146	92,997	103,847	114,697	125,547	136,397	147,247	158,097	168,947	179,797	190,647	201,497	212,347	223,197	234,047	244,897	255,747	266,597	277,447	288,297	299,147	310,000	320,850
22	6.421	17,271	28,120	38,969	49,820	60,670	71,521	82,372	93,223	104,073	114,923	125,773	136,623	147,473	158,323	169,173	180,023	190,873	201,723	212,573	223,423	234,273	245,123	255,973	266,823	277,673	288,523	299,373	310,223	321,073
23	6.647	17,497	28,346	39,195	50,046	60,897	71,747	82,598	93,448	104,299	115,149	126,000	136,850	147,700	158,550	169,400	180,250	191,100	201,950	212,800	223,650	234,500	245,350	256,200	267,050	277,900	288,750	299,600	310,450	321,300
24	6.874	17,723	28,572	39,421	50,272	61,123	71,974	82,824	93,675	104,525	115,375	126,225	137,075	147,925	158,775	169,625	180,475	191,325	202,175	213,025	223,875	234,725	245,575	256,425	267,275	278,125	288,975	299,825	310,675	321,525
25	7.100	17,949	28,798	39,647	50,498	61,349	72,200	83,051	93,902	104,752	115,602	126,452	137,302	148,152	159,002	169,852	180,702	191,552	202,402	213,252	224,102	234,952	245,802	256,652	267,502	278,352	289,202	300,052	310,902	321,752
26	7.326	18,175	29,024	39,874	50,724	61,575	72,426	83,277	94,128	104,978	115,828	126,678	137,528	148,378	159,228	170,078	180,928	191,778	202,628	213,478	224,328	235,178	246,028	256,878	267,728	278,578	289,428	300,278	311,128	321,978
27	7.552	18,401	29,250	40,100	50,950	61,801	72,651	83,502	94,353	105,203	116,053	126,903	137,753	148,603	159,453	170,303	181,153	192,003	202,853	213,703	224,553	235,403	246,253	257,103	267,953	278,803	289,653	300,503	311,353	322,203
28	7.778	18,627	29,476	40,326	51,176	62,027	72,877	83,728	94,578	105,429	116,279	127,129	137,979	148,829	159,679	170,529	181,379	192,229	203,079	213,929	224,779	235,629	246,479	257,329	268,179	279,029	289,879	300,729	311,579	322,429
29	8.004	18,853	29,702	40,552	51,402	62,253	73,103	83,954	94,805	105,655	116,505																			

# CHEM CARRIERS, L.L.C.

## Vessel Security Plan for Unmanned Barges

Barges Covered by this Plan: MISLE # 1976434

This plan covers the following vessels, listed here with a brief description of each:

Copies of the Certificates of Inspection, where applicable, are maintained with the plan as well as on the barge.

Barge Name	O. N.	Dimensions	MISLE #	Capacity	CDC Cargoes
CCL 1	518612	195 x 35 x 12	1976434	10,000 BBLs	None
CCL 2	510107	195 x 35 x 12	1976439	10,000 BBLs	None
CCL 3	296363	195 x 35 x 12	1976445	10,000 BBLs	None
CCL 4	512519	195 x 35 x 12	1976448	10,000 BBLs	None
CCL 5	512520	195 x 35 x 12	1976450	10,000 BBLs	None
CCL 6	530996	195 x 35 x 12	1976452	10,000 BBLs	None
TCB 302	551976	195 x 35 x 12	1976454	10,000 BBLs	None
CCL 10	551979	195 x 35 x 12	1976455	10,000 BBLs	None
CCL 7 Ex:TCB306	551980	195 x 35 x 12	1976460	10,000 BBLs	None
CCL 8 Ex: TCB308	551982	195 x 35 x 12	1976459	10,000 BBLs	None
CCL 9 Ex: TCB 309	551983	195 x 35 x 12	1976463	10,000 BBLs	None
CCL 14	1164451	200 x 35 x 12.5	TBA	11,500 BBLs	None
CCL 15	1164452	200 x 35 x 12.5	TBA	11,500 BBLs	None
CCL 16	1164666	200 x 35 x 12.5	TBA	11,500 BBLs	None
CCL 17	1166179	200 x 35 x 12.5	TBA	11,500 BBLs	None
CCL 18	1168981	200 x 35 x 12.5		11,500 BBLs	None
CCL 19	1168980	200 x 35 x 12.5		11,500 BBLs	None
CCL 20	1191598	200 x 35 x 12.5		11,500 BBLs	None
CCL 21	1191599	200 x 35 x 12.5		11,500 BBLs	None
CCL 22	1191600	200 x 35 x 12.5		11,500 BBLs	None
CCL 23	1191601	200 x 35 x 12.5		11,500 BBLs	None
CCL 24	1196547	200 x 35 x 12.5		11,500 BBLs	None
CCL 25	1196548	200 x 35 x 12.5		11,500 BBLs	None
CCL 26	1203816	200 x 35 x 12.5		11,500 BBLs	None
CCL 27	1203817	200 x 35 x 12.5		11,500 BBL	None
JAR 6	555050	195 x 35 x 12		10,000 BBLs	None
CCL 28	1212828	200 x 35 x 12.5		11,500 BBL	None
CCL-29	1212829	200 x 35 x 12.5		11,500 BBL	None

Date of equipment list update for plan:

2/11/2009

### WARNING!!

*This document contains Sensitive Security Information that is controlled by 49 CFR 1520. No part of this document may be disclosed without a "Need to Know" as defined in Part 1520 except with written permission of the administrator of the TSA or Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For US Government Agencies public disclosure is governed by 5 USC 552 and 49 CFR 1520*



LAW # 08161450

# LAW VALVE of TEXAS

13702 Force Street Houston, TX 77015  
PHONE 713-453-0413 FAX 713-453-3535

## SHOP ORDER AND TEST REPORT

CUSTOMER Chem Carriers ORDER # \_\_\_\_\_

MAKE Kunkle SIZE 4" x 4" MODEL # 91K-M02

SERIAL # 41005518-1 INLET 4" 250 OUTLET 4" 125

CONSTRUCTION:  CONVENTIONAL  SPILL  INTERNAL  PILOT  PV

CAP:  PLAIN  OPEN LEVER  BELLOWS

TAG OCL 10 SET PRESSURE 125 psi

LOCATION \_\_\_\_\_ ORIFICE M

WORK REQUIRED:  TEST ONLY  TEST & RESET  PRETEST REQUIRED

COMPLETE OVERHAUL  TEST AIR LAST REPAIR DATE \_\_\_\_\_

CONDITION RECEIVED: INITIAL POP \_\_\_\_\_ LEAKED AT \_\_\_\_\_

### GENERAL CONDITION PRE-REPAIR:

INLET:	SEATS:	GUIDE:	OUTLET:
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	
SPRING: <input type="checkbox"/> CORRODED <input type="checkbox"/> BROKEN		<input checked="" type="checkbox"/> GOOD COND	<input type="checkbox"/> WEAK
WORK <input checked="" type="checkbox"/> ST <input type="checkbox"/> O/T			
REPAIRS: <input checked="" type="checkbox"/> LAPPED SEATS <input type="checkbox"/> MACH. DISC. <input type="checkbox"/> MACH. NOZZLE <input type="checkbox"/> MACH. FLANGE			
<input checked="" type="checkbox"/> REPLACED GASKETS			

PARTS REPLACED AND OTHER WORK:

### FINAL TEST REPORT

DATE 8-29-2016

SET PRESSURE 125 psi Pressure

NOZZLE RING SETTING N/A GUIDE SETTING N/A

BACK PRESSURE 30 psi

TESTED BY [Signature]

WITNESS BY [Signature]

U.S. COAST GUARD WITNESS \_\_\_\_\_



LAW # 08161450

# LAW VALVE of TEXAS

13702 Force Street Houston, TX 77015  
PHONE 713-453-0413 FAX 713-453-3535

## SHOP ORDER AND TEST REPORT

CUSTOMER Chem Carriers ORDER # \_\_\_\_\_

MAKE ERL SIZE 2.5" MODEL # EQUATE

SERIAL # 250111 INLET 2.5" FNPT OUTLET N/A

CONSTRUCTION:  CONVENTIONAL  SPILL  INTERNAL  PILOT  PV

CAP:  PLAIN  OPEN LEVER  BELLOWS

TAG OCL 10 SET PRESSURE 1.0 PSI & 0.5 PSI VAC

LOCATION \_\_\_\_\_ ORIFICE N/A

WORK REQUIRED:  TEST ONLY  TEST & RESET  PRETEST REQUIRED

COMPLETE OVERHAUL  TEST AIR LAST REPAIR DATE \_\_\_\_\_

CONDITION RECEIVED: INITIAL POP \_\_\_\_\_ LEAKED AT \_\_\_\_\_

### GENERAL CONDITION PRE-REPAIR:

<b>INLET:</b>	<b>SEATS:</b>	<b>GUIDE:</b>	<b>OUTLET:</b>
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	
<b>SPRING:</b>	<input type="checkbox"/> CORRODED	<input type="checkbox"/> BROKEN	<input checked="" type="checkbox"/> GOOD COND
<b>WORK</b>	<input checked="" type="checkbox"/> ST	<input type="checkbox"/> O/T	<input type="checkbox"/> WEAK
<b>REPAIRS:</b>	<input checked="" type="checkbox"/> LAPPED SEATS	<input type="checkbox"/> MACH. DISC.	<input type="checkbox"/> MACH. NOZZLE
	<input type="checkbox"/> REPLACED GASKETS		<input type="checkbox"/> MACH. FLANGE

PARTS REPLACED AND OTHER WORK: installed new Viton O-ring rings

### FINAL TEST REPORT

DATE 8-29-2016

SET PRESSURE 1.0 PSI PRESSURE & 0.5 PSI VACUUM

NOZZLE RING SETTING N/A GUIDE SETTING N/A

BACK PRESSURE N/A

TESTED BY [Signature]

WITNESS BY [Signature]

U.S. COAST GUARD WITNESS \_\_\_\_\_



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## SHOP ORDER AND TEST REPORT

CUSTOMER Chem Carriers ORDER # \_\_\_\_\_

MAKE ERL SIZE 2.5" MODEL # EQUATE

SERIAL # 250110 INLET 2.5" FNPT OUTLET N/A

CONSTRUCTION:  CONVENTIONAL  SPILL  INTERNAL  PILOT  PV

CAP:  PLAIN  OPEN LEVER  BELLOWS

TAG OCL 10 SET PRESSURE 1.0 psi & 0.5 psi VAC

LOCATION \_\_\_\_\_ ORIFICE N/A

WORK REQUIRED:  TEST ONLY  TEST & RESET  PRETEST REQUIRED

COMPLETE OVERHAUL  TEST AIR LAST REPAIR DATE \_\_\_\_\_

CONDITION RECEIVED: INITIAL POP \_\_\_\_\_ LEAKED AT \_\_\_\_\_

### GENERAL CONDITION PRE-REPAIR:

<b>INLET:</b>	<b>SEATS:</b>	<b>GUIDE:</b>	<b>OUTLET:</b>
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	

SPRING:  CORRODED  BROKEN  GOOD COND  WEAK

WORK  ST  O/T

REPAIRS:  LAPPED SEATS  MACH. DISC.  MACH. NOZZLE  MACH. FLANGE

REPLACED GASKETS

PARTS REPLACED AND OTHER WORK: installed new Viton O-ring rings

### FINAL TEST REPORT

DATE 8-29-2016

SET PRESSURE 1.0 psi & 0.5 psi Vacuum

NOZZLE RING SETTING N/A GUIDE SETTING N/A

BACK PRESSURE N/A

TESTED BY B. [Signature]

WITNESS BY Robert Davis

U.S. COAST GUARD WITNESS \_\_\_\_\_



LAW # 08161450

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## SHOP ORDER AND TEST REPORT

CUSTOMER Chem Carriers ORDER # \_\_\_\_\_

MAKE ERL SIZE 2.5" MODEL # EQUATE

SERIAL # 250109 INLET 2.5" FNPT OUTLET N/A

CONSTRUCTION:  CONVENTIONAL  SPILL  INTERNAL  PILOT  PV

CAP:  PLAIN  OPEN LEVER  BELLOWS

TAG OCL 10 SET PRESSURE 1.0 PSI & 0.5 PSI VAC

LOCATION \_\_\_\_\_ ORIFICE N/A

WORK REQUIRED:  TEST ONLY  TEST & RESET  PRETEST REQUIRED

COMPLETE OVERHAUL  TEST AIR LAST REPAIR DATE \_\_\_\_\_

CONDITION RECEIVED: INITIAL POP \_\_\_\_\_ LEAKED AT \_\_\_\_\_

### GENERAL CONDITION PRE-REPAIR:

<b>INLET:</b>	<b>SEATS:</b>	<b>GUIDE:</b>	<b>OUTLET:</b>
<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> FOULED	<input type="checkbox"/> FOULED	<input checked="" type="checkbox"/> DIRTY
<input type="checkbox"/> PLUGGED	<input type="checkbox"/> CUT	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> PLUGGED
<input type="checkbox"/> FLANGE PITTED	<input checked="" type="checkbox"/> DIRTY	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FLANGE PITTED
<input type="checkbox"/> GOOD COND	<input type="checkbox"/> CORRODED	<input type="checkbox"/> FROZEN	<input type="checkbox"/> GOOD COND.
	<input type="checkbox"/> GOOD COND	<input type="checkbox"/> GOOD COND	

SPRING:  CORRODED  BROKEN  GOOD COND  WEAK

WORK  ST  O/T

REPAIRS:  LAPPED SEATS  MACH. DISC.  MACH. NOZZLE  MACH. FLANGE

REPLACED GASKETS

PARTS REPLACED AND OTHER WORK: installed new Viton O-ring rings

### FINAL TEST REPORT

DATE 8-29-2016

SET PRESSURE 1.0 PSI Pressure & 0.5 PSI Vacuum

NOZZLE RING SETTING N/A GUIDE SETTING N/A

BACK PRESSURE N/A

TESTED BY B. [Signature]

WITNESS BY Robert Davis

U.S. COAST GUARD WITNESS \_\_\_\_\_