



**COASTAL GULF &
INTERNATIONAL, INC.**

"Precision"

Inspection & Analytical
Services

2104 South Southland Ave. Gonzales, LA 70737

Phone (225) 231-4990 Fax (225) 231-7875

Assuring accuracy through expertise!

Vessel:	Chem 3245	Date:	October 24, 2020
Product:	Benzene	Terminal:	Ergon
Subject:	Report of Loading	Port:	Baton Rouge, Louisiana
EMCC Ref. #:	5074792-10	File Number:	BR26970

RECAPITULATION

OFFICIAL QUANTITY

FOR REFERENCE ONLY

<u>DISPORT SHORE FIGURES</u>	<u>QUANTITY</u>	<u>BARGE FIGURES</u>	<u>QUANTITY</u>
Barrels	21,541.97	Barrels	21,248.44
Gallons	904,762.74	Gallons	892,434.48
Pounds	6,664,663.00	Pounds	6,573,851.00
Metric Tons	3,023.040	Metric Tons	2,981.852
Short Tons	3,332.332	Short Tons	3,286.926
Long Tons	2,975.296	Long Tons	2,934.755

For Comparison only

VEF: 0.99970 Barge With VEF Applied: 21,254.82

BARGE FIGURES In Barrels

<u>BARGE</u>	<u>ARRIVAL</u>	<u>DEPARTURE</u>	<u>DIFFERENCE</u>
CHEM 3245	0.00	21,248.44	21,248.44

Survey was performed by CGI Surveyor Tony Buchanan
Table Benzene D1555 used for Volume Correction purposes
Surveyor equipment verified daily using Certified Thermometer
Conditions during the inspection were Calm; between 00' and 01' Seas

Survey performed as per and strictly adhering to methods set forth by API Chapters 3, 7, 8, 12, & 17

"All CGI measurement devices and methods used for quantity and quality determination meet the pertinent requirements of 40 CFR 98.3 et. Seq. (Greenhouse Gas Mandatory Reporting Rule)"

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Rusty Mitchell

Gonzales Communication Center

Version 7.0 06-05-13 NLE



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TIME LOG OF EVENTS

October 23, 2020	0001	hrs.	Barge(s) NOR Tendered
October 23, 2020	2035	hrs.	Surveyor notified
October 24, 2020	0430	hrs.	Barge(s) called in
October 24, 2020	0734	hrs.	Surveyor arrived at terminal
October 24, 2020	0810	hrs.	Barge(s) arrived
October 24, 2020	0830	hrs.	Barge(s) docked
October 24, 2020	0835	hrs.	Commenced arrival barge inspection
October 24, 2020	0842	hrs.	Completed arrival barge inspection
October 24, 2020	0855	hrs.	Cargo hose(s) connected
October 24, 2020	0930	hrs.	Commenced transfer
October 24, 2020	1328	hrs.	Surveyor notified
October 24, 2020	1420	hrs.	Surveyor arrived at terminal
October 24, 2020	1440	hrs.	Completed transfer
October 24, 2020	1445	hrs.	Commenced departure barge inspection
October 24, 2020	1525	hrs.	Cargo hose(s) disconnected
October 24, 2020	1540	hrs.	Completed departure barge inspection
October 24, 2020	1600	hrs.	Barge(s) Released



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Date: October 24, 2020

Product: Benzene

Terminal: Ergon

Subject: Report of Loading

Port: Baton Rouge, Louisiana

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VESSEL MEASUREMENT REPORT

CHEM 3245 UPON ARRIVAL

Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		Ambient Temp °F: 83.0		
					Gauge	Barrels	API @ 60° F	V.C. F	G.S.V Barrels
1P	17' 08"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
1S	17' 08 1/4"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
2P	17' 08 1/4"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
2S	17' 08 1/4"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
3P	17' 08"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
3S	17' 08 1/4"	00' 00"	60.0	0.00	00' 00"	0.00	28.0	1.00000	0.00
Tape Serial #: 25990 Probe Serial #: 25990						0.00		Total:	0.00

Avg. Temp °F: 60.0

T.O.V. bbls Total 0.00

CHEM 3245 UPON DEPARTURE

Tank	Obs. Gauge Height	Gauge (Ft.) Ullage	Temp. (°F)	T.O.V. Barrels	Water		Ambient Temp °F: 79.0		
					Gauge	Barrels	API @ 60° F	V.C. F	G.S.V Barrels
1P	17' 08"	04' 11 1/2"	83.2	3,779.06	00' 00"	0.00	28.0	0.98464	3,721.01
1S	17' 08 1/4"	05' 08"	83.2	3,553.69	00' 00"	0.00	28.0	0.98464	3,499.11
2P	17' 08 1/4"	04' 08"	83.3	4,033.94	00' 00"	0.00	28.0	0.98458	3,971.74
2S	17' 08 1/4"	04' 07 1/4"	83.2	4,055.91	00' 00"	0.00	28.0	0.98464	3,993.61
3P	17' 08"	07' 05"	83.2	3,070.24	00' 00"	0.00	28.0	0.98464	3,023.08
3S	17' 08 1/4"	07' 04 1/2"	83.2	3,087.31	00' 00"	0.00	28.0	0.98464	3,039.89
Tape Serial #: 25990 Probe Serial #: 25990						0.00		Total:	21,248.44

Avg. Temp °F: 83.2

T.O.V. bbls Total 21,580.15

TOTAL QUANTITY

Arrival:									
Fwd Port:	02' 00"	Fwd Stbd:	02' 00"	Barrels @ 60 °F					21,248.44
Aft Port:	02' 00"	Aft Stbd.:	02' 00"	Gallons @ 60 °F					892,434.48
Departure:				TCV Barrels					21,248.44
Fwd Port:	08' 09"	Fwd Stbd:	08' 09"	Pounds					6,573,851.00
Aft Port:	08' 09"	Aft Stbd.:	08' 09"	Metric Tons					2,981.852
Trim or List Correction Applied: No				Short Tons					3,286.926
				Long Tons					2,934.755
				Lbs / Gallon					7.3662
				API Gravity @ 60°F					28.00

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Product: Benzene **Terminal:** Ergon
Subject: Report of Loading **Port:** Baton Rouge, Louisiana
EMCC Ref. #: 5074792-10 **File Number:** BR26970

GAUGE HEIGHT REPORT

Barge Name: CHEM 3245

<i>Tank No.</i>	<i>Observed Gauge Height Open</i>	<i>Reference Gauge Height</i>	<i>Observed Gauge Height Close</i>
1P	17' 08"	16' 01 3/4"	17' 08"
1S	17' 08 1/4"	16' 02"	17' 08 1/4"
2P	17' 08 1/4"	16' 02"	17' 08 1/4"
2S	17' 08 1/4"	16' 02"	17' 08 1/4"
3P	17' 08"	16' 01 3/4"	17' 08"
3S	17' 08 1/4"	16' 02"	17' 08 1/4"

ANCILLARY TANK MEASUREMENTS

<i>Tank No.</i>	<i>Observed Arrival Measurement</i>	<i>Observed Departure Measurement</i>
FWD	00' 00"	00' 00"
AFT	00' 00"	00' 00"
PORT	00' 00"	00' 00"
STRB	00' 00"	00' 00"

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Vessel: **Chem 3245**

Date: **October 24, 2020**

Product: *Benzene*

Terminal: **Ergon**

Subject: Report of Loading

Port: Baton Rouge, Louisiana

EMCC Ref. #: 5074792-10

File Number: BR26970

NON COMMERCIAL BILL OF LADING

THE FOLLOWING FORM APPLIES TO THE TRANSPORTATION OF SAMPLES THAT HAVE NO COMMERCIAL VALUE.

CHAIN OF CUSTODY ☐ **SAMPLE TRANSPORTATION RECORD** ☐ **SAMPLE RECEIPT** ☐

DOT SHIPPING NAME:	Benzene	HAZARD CLASS:	3	UN#	1114	PKG GROUP:	II
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[illegible]

SIGNATURE BELOW IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND ARE IN PROPER CONDITION, FOR TRANSPORTATION, ACCORDING TO THE APPLICATION AND REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

THIS DOCUMENT IS TO BE RETAINED BY THE SHIPPER / RECEIVER FOR NO LESS THAN 365 DAYS.

Tony Buchanan
FOR CGI

SIGNATURE IS TO VERIFY ABOVE
MENTIONED SAMPLES WERE
RECEIVED BY YOUR FACILITY.

10/24/2020
DATE

TOLL FREE 24 HOUR EMERGENCY CONTACT (Fire, Accident, Exposure, Spill) CHEMTREC 1-800-424-9300



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Product: *Benzene* **Terminal:** *Ergon*
Subject: *Report of Loading* **Port:** *Baton Rouge, Louisiana*
EMCC Ref. #: 5074792-10 **File Number:** *BR26970*

LETTER OF PROTEST

On Behalf of our principals, we hereby notify you that on the above date, the following occurred:

- ☒ Shore Tank was active during movement.
- ☒ A Line Displacement did not take place
- ☐ Terminal didn't allow adequate settling time after movement.
- ☐ In transit Difference: GSV at Loadport Departure: _____
GSV at Disport Arrival: _____
Difference _____
- ☐ OBQ / ROB Difference: OBQ at Loadport: _____
ROB at Disport: _____
Difference _____
- ☐ Shore to Shore Difference: GSV at Loadport: _____
GSV on Disport: _____
Difference _____
- ☐ Vessel to Shore Difference: Vessel Del./Rec. 21,248.44
Shore Del./Rec. ACTIVE
Difference 21,248.44
- ☐ Free Water: Opening Bbls. _____
Closing Bbls. _____
Difference _____
- ☐ Towing company did not provide sequential port log for the subject tow

Official Quantity is based on Disport Static Shore Figure.

Accordingly, we are holding your terminal, operators, and other interested parties responsible for the loss and damage thereby sustained, as well as any consequential loss and damage arising therefrom. Will you kindly acknowledge receipt on the copy thereof and return to us. ***The signatures thus obtained are for receipt only and in no way acknowledge responsibility for the incident.***

Tony Buchanan
CGI Inspector

Vessel / Terminal Rep.

10/24/2020
Date



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P.O. Box 429 Kenner, LA. 70063-429
Phone (985)785-0765 Fax (985)785-1328

VESSEL EXPERIENCE FACTOR SEQUENTIAL

Assuring accuracy through expertise!

Vessel: **Chem 3245**

Date: **October 24, 2020**

Type of Movement: **Load**

Cargo	Voyage Number	Cargo Description	Terminal or Port	Date	Enter all units as Barrels				Ratio	Step 1 Gross Error > 2%?	Step 2 Qual Voy (+0.30%) Y/N ?	Qualifying Voyages		
					Vessel Sailing TCV	Vessel OBQ	Vessel Load TCV	Outturn TCV				Vessel TCV	Shore TCV	
Last		Benzene	Baton Rouge (United	4-Aug-20	24,079.05	0	24,079.05	24,095.36	0.99932		YES	24,079.05	24,095.36	
2nd		Benzene	Baton Rouge (United	21-Jul-20	24,080.61	0	24,080.61	24,058.92	1.0009		YES	24,080.61	24,058.92	
3rd		Benzene	Baton Rouge (United	9-Jul-20	24,057.29	0	24,057.29	24,083.72	0.9989		YES	24,057.29	24,083.72	
4th		Benzene	Baton Rouge (United	29-Jun-20	26,424.24	0	26,424.24	26,397.57	1.00101		YES	26,424.24	26,397.57	
5th		Benzene	Baton Rouge (United	19-Jun-20	24,113.17	0	24,113.17	24,126.64	0.99944		YES	24,113.17	24,126.64	
6th		Benzene	Baton Rouge (United	6-Jun-20	20,021.41	0	20,021.41	20,038.93	0.99913		YES	20,021.41	20,038.93	
7th		Benzene	Baton Rouge (United	27-May-20	23,954.10	0	23,954.10	23,939.22	1.00062		YES	23,954.10	23,939.22	
8th		Benzene	Baton Rouge (United	15-May-20	24,095.40	0	24,095.40	24,038.03	1.00239		YES	24,095.40	24,038.03	
9th		Benzene	Baton Rouge (United	19-Feb-20	25,946.17	0	25,946.17	25,938.59	1.00029		YES	25,946.17	25,938.59	
10th		Benzene	Baton Rouge (United	8-Feb-20	26,029.67	0	26,029.67	26,025.46	1.00016		YES	26,029.67	26,025.46	
11th		Benzene	Baton Rouge (United	29-Jan-20	26,210.18	0	26,210.18	26,283.47	0.99721		YES	26,210.18	26,283.47	
12th		Benzene	Baton Rouge (United	19-Jan-20	24,992.19	0	24,992.19	25,059.59	0.99731		YES	24,992.19	25,059.59	
13th														
14th														
15th														
16th														
17th														
18th														
19th														
20th														
Totals:							294,003.48	294,085.50	Totals:			294,003.48	294,085.50	
Voyages excluded							Average TCV Ratio:		0.99972	TCV vessel/ TCV shore:			0.99972	

Voyages excluded

A. Voyages where only vessel measurements were available

B. Maiden voyage and voyage following dry dock

C. Voyages prior to vessels last dry dock, unless verified that:

no desludging was performed

no significant structural, measurement equipment, tables

or procedural changes were made affecting vessel measurement

D. Voyages where the VLR or VDR is less than 0.98000 or greater than 1.02000

E. When the VLR or VDR is not within + or - 0.3% of the ratio of the totals of vessels and shore quantities

F. Voyages where the vessel's figures are known to be inaccurate

VEF = 0.9997

Qualifying Range (excluding Gross Errors)

LOW: 0.99672 HIGH: 1.00272