



ExxonMobil Chemical Co.

22777 Springwoods Village Parkway
Spring, TX 77389

Attention : **Clarissa Narine**

MOVEMENT : Load
VESSEL : **FMT - 6001**
LOCATION : ExxonMobil Chemical - Beaumont, TX
File N° : PAR-77476
DATE : 03/09/2021 - 03/12/2021
REFERENCE N° : 5340338

Contents

Voyage Analysis Report
Shore Tank Quantity
Vessel Quantity Report
Line Displacement
Timelog
LOP/NAD

Dear Client,

Please find attached our Inspection Report No. PAR-77476 corresponding to the Load operation of the captioned vessel, at place and date(s) shown above. The complete report is composed of individual field reports, which we believe are self-explanatory.

We trust that this report supplies the proper input needed so that we comply with your requirements. Should there be any points that need further clarification, please do not hesitate to contact us.

All Camin Cargo Control 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)

Yours Sincerely,

Camin Cargo Control

1550 Industrial Drive Nederland, TX 77627
Phone: 409-729-3399
Opsparthur@camincargo.com

www.camincargo.com



VOYAGE ANALYSIS REPORT N° PAR-77476

VESSEL	: FMT - 6001	MOVEMENT	: Load
LOCATION	: ExxonMobil Chemical - Beaumont, TX	JOB COMPLETED	: 11-MAR-2021
PRODUCT	: BENZENE	REFERENCE N°	: 5340338

LOAD	Port	VCF	Voyage#	Gauge Date
	: ExxonMobil Chemical - Beaumont, TX	D1555		10-MAR-2021

DISCHARGE	Barrels @ 60 °F	API @ 60 °F	TCV	FW	GSV	S&W	NSV	Reference
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I. SHORE/SHORE COMPARISON-NOT AVAILABLE

1. Loading Quantity	28.5	18,989.67	0.00	18,989.67	0.00	18,989.67	
2. Outturn							
3. Difference							(2-1)
4. Difference %							(3/1*100)
Adjusted TCV Difference							(3-b+l)

II. VESSEL/SHORE COMPARISON AT LOADPORT

a. After Loading	19,136.73	0.00	19,136.73	Liquid	Non-Liquid
b. OBQ	0.00	0.00	0.00		
c. Vessel Received	19,136.73	0.00	19,136.73		(a-b)
d. Difference	147.06	0.00	147.06		(c-1)
e. Difference %	0.77		0.77		(d/1*100)
f. Load Ratio	1.00774				(c/1)
g. VEF	1.0077				
h. Theoretical Shore	18,990.50				(c/g)
i. Theoretical Shore Diff.	0.83				(h-1)
j. Theoretical Shore Diff. %	0.00				(i/1*100)

III. VESSEL/SHORE COMPARISON AT DISPORT-NOT AVAILABLE

k. Before Discharge		Liquid	Non-Liquid
l. ROB			
m. Vessel Delivered			(k-l)
n. Difference			(2-m)
o. Difference %			(n/2*100)
p. Discharge Ratio			(m/2)
q. VEF			
r. Theoretical Shore			(m/q)
s. Theoretical Shore Diff.			(2-r)
t. Theoretical Shore Diff. %			(s/2*100)

IV. VESSEL IN TRANSIT COMPARISON-NOT AVAILABLE

u. In-Transit Diff.			(k-a)
v. In-Transit Diff. %		Liquid	Non-Liquid (u/a*100)
w. OBQ/ROB Difference			(b-l)

Adjusted TCV Difference	S&W at Loadport	0.000 %	S&W at Disport	---
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Calculated as per Chapter 17.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXX006-02 / 565635 / March 12, 2021

**QUANTITY CERTIFICATE N° PAR- 77476**

Based on Shore Measurements

VESSEL : FMT - 6001**LOCATION** : ExxonMobil Chemical - Beaumont, TX**PRODUCT** : BENZENE**MOVEMENT** : Load**JOB COMPLETED** : 11-MAR-2021**REFERENCE N°** : 5340338

	Gauge	TOV	Water Gauge	Water Vol.	CTSh	Roof Corr.	GOV	Amb. Temp	Temp.	API	VCF	GSV	S&W	S&W Vol.	NSV
Tank: 32		Ref. Gauge Ht: 43-04 07/08					Gauge Date Open: 10-Mar 01:55				Gauge Date Close: 10-Mar 21:45				
	Ft-In (Inn.)	Bbbs	Ft-In	Bbbs	Factor	Bbbs	Bbbs	°F	°F	@ 60°F	D1555	Bbbs @ 60°F	%	@ 60°F	Bbbs @ 60°F
O	33-03 00/00	20,708.82	---	---	1.00015	---	20,711.93	65.0	73.2	28.5 (S)	0.99130	20,531.73	---	---	20,531.73
C	11-03 03/04	6,924.40	---	---	1.00022	---	6,925.92	72.0	78.7	28.5 (S)	0.98764	6,840.32	---	---	6,840.32
		13,784.42		0			13,786.01					13,691.41			13,691.41
Line:													---		
Adjustment:													---		
Tank: 9602		Ref. Gauge Ht: 51-02 00/00					Gauge Date Open: 10-Mar 07:40				Gauge Date Close: 10-Mar 19:30				
	Ft-In (Inn.)	Bbbs	Ft-In	Bbbs	Factor	Bbbs	Bbbs	°F	°F	@ 60°F	D1555	Bbbs @ 60°F	%	@ 60°F	Bbbs @ 60°F
O	39-09 01/04	5,687.92	---	---	1.00036	---	5,689.97	68.0	92.3	28.5 (S)	0.97854	5,567.86	---	---	5,567.86
C	01-11 03/08	274.89	---	---	1.00033	---	274.98	72.0	89.5	28.5 (S)	0.98043	269.60	---	---	269.60
		5,413.03		0			5,414.99					5,298.26			5,298.26
Line:													---		
Adjustment:													---		

S=Submitted / C=Calculated / T=Tested by CCC / W=Tested by Terminal/Refinery & Witnessed by CCC

Totals computed using appropriate tables corresponding to Delivered API.

BENZENE - TOTAL QUANTITIES - DELIVERED

TCV, Barrels @ 60 °F	18,989.67	S&W	---		
Free Water Barrels	0.00		---		
	GSV	NSV		GSW	NSW
Barrels @ 60 °F	18,989.67	18,989.67	Long Tons - Air	2,622.782	2,622.782
Gallons @ 60 °F	797,566.14	797,566.14	Metric Tons - Air	2,664.873	2,664.873
API Gravity @ 60 °F (S)	28.5		Short Tons - Air	2,937.516	2,937.516
Lb/Gal @ 60 °F	7.364300577		Kilograms - Air	2,664,872.7	2,664,872.7
			Pounds - Air	5,875,031.7	5,875,031.7

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



VESSEL QUANTITY REPORT N° PAR-77476

VESSEL : FMT - 6001
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-MAR-2021
REFERENCE N° : 5340338

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF D1555	GSV @ 60 °F Bbls
01P	17-03 03/04	17-03 03/04	00-00 00/00	Nil	----	Nil			
01S	17-03 01/02	17-03 01/02	00-00 00/00	Nil	----	Nil			
02P	17-04 00/00	17-04 00/00	00-00 00/00	Nil	----	Nil			
02S	17-03 03/04	17-03 03/04	00-00 00/00	Nil	----	Nil			
03P	17-03 03/04	17-03 03/04	00-00 00/00	Nil	----	Nil			
03S	17-03 03/04	17-03 03/04	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Gauge Date **General Information**

11-MAR-2021

Sea Condition : Calm

SN=G22962

SN=G22962

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	01-09	01-09	01-09	01-09	00-00 00/00	0.00

Note:

No Trim Correction was applied.

VEF (divisor) of 1.0077 was applied to Vessel Received Quantities only

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES**ARRIVAL**

TCV, Barrels @ 60 °F 0.00

Free Water Barrels 0.00

GSV

Barrels @ 60 °F 0.00

Gallons @ 60 °F 0.00

API Gravity @ 60 °F

Lb/Gal @ 60 °F



VESSEL QUANTITY REPORT N° PAR-77476

VESSEL : FMT - 6001
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-MAR-2021
REFERENCE N° : 5340338

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF D1555	GSV @ 60 °F Bbls
01P	17-03 03/04	17-03 03/04	08-11 01/02	3,234.55	----	Nil	76.5	0.98911	3,199.33
01S	17-03 01/02	17-03 01/02	08-10 01/02	3,258.62	----	Nil	76.5	0.98911	3,223.13
02P	17-04 00/00	17-04 00/00	08-07 03/04	3,230.95	----	Nil	76.6	0.98904	3,195.54
02S	17-03 03/04	17-03 03/04	08-08 03/04	3,192.40	----	Nil	76.7	0.98897	3,157.19
03P	17-03 03/04	17-03 03/04	08-06 01/02	3,253.84	----	Nil	76.0	0.98944	3,219.48
03S	17-03 03/04	17-03 03/04	08-09 00/00	3,176.65	----	Nil	76.5	0.98911	3,142.06
				19,347.01		Nil	76.5		19,136.73

Gauge Date **General Information**

10-MAR-2021

SN=G22962

Sea Condition : Calm

SN=G22962

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	01-09	01-09	01-09	01-09	00-00 00/00	0.00
After	08-00	08-00	08-00	08-00	00-00 00/00	0.00

Note:

No Trim Correction was applied.

VEF (divisor) of 1.0077 was applied to Vessel Received Quantities only

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	RECEIVED				
TCV, Barrels @ 60 °F	19,136.73	18,990.50	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV	GSW	NSW	
Barrels @ 60 °F	19,136.73	18,990.50	18,990.50	Long Tons - Air	2,622.897	2,622.897
Gallons @ 60 °F	803,742.66	797,601.00	797,601.00	Metric Tons - Air	2,664.989	2,664.989
API Gravity @ 60 °F	28.5 (S)	28.5 (S)		Short Tons - Air	2,937.644	2,937.644
Lb/Gal @ 60 °F	7.364300577	7.364300577		Kilograms - Air	2,664,989.2	2,664,989.2
				Pounds - Air	5,875,288.5	5,875,288.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXX006-02 / 565635 / March 12, 2021



LINE DISPLACEMENT REPORT N° PAR-77476

VESSEL : FMT - 6001
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-MAR-2021
REFERENCE N° : 5340338

Shore Tank		Observed Gauges	TOV	Temp.	API	VCF	TCV
Gauge Date: 11-MAR-2021		Ft-In (Inn.)	Bbls	°F	@ 60 °F	D1555	Bbls @ 60 °F
32	O	33-00 03/04	20,590.92	73.2	28.5	0.99130	817.74
	C	31-09 00/00	19,766.00				
			824.92				
Total			824.92				817.74

Shore Line	Length	Size	Nominal Capacity	Condition Before Displacement
	0 km	0"	750.00 Bbls	Full

Vessel	Observed Gauges		TOV	Temp.	API	VCF	TCV
FMT - 6001		Ft-In (Ull.)	Bbls	°F	@ 60 °F	D1555	Bbls @ 60 °F
03P	O	17-03 03/04	0.00	76.5	28.5	0.98911	798.13
	C	15-01 03/04	806.92				
			806.92				
Total			806.92				798.13

Vessel's System	Condition Before	Condition After	Nominal Capacity	Adjusted Volume Displaced
	Full	Full	0.00 Bbls	0.00

	TOV	
	Barrels	Gallons
Total Tank	824.92	34,646.64
Total Vessel	806.92	33,890.64
Volume Difference	-18.00	-756.00
% Difference	2.18	2.18

As per API Ch. 17.6 TOV of the product displaced was at least 120% of the combined capacity of all designated vessel and shore transfer lines unless the conditions referred to in 17.6.8.1.1 applied, then 100 % of line capacity.

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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**TIME LOG REPORT N° PAR-77476****VESSEL** : FMT - 6001**LOCATION** : ExxonMobil Chemical - Beaumont, TX**PRODUCT** : BENZENE**MOVEMENT** : Load**JOB COMPLETED** : 11-MAR-2021**REFERENCE N°** : 5340338

Date	Time	Description
09-MAR-2021	23:00	Barge Tendered
	23:00	Inspector Notified 2hrs
	23:30	Inspector Arrived at Office
10-MAR-2021	01:00	Inspector Arrived at Terminal
	01:00	Barge(s) Arrived
	01:15	Barge(s) Docked
	01:55	Shore Tank 32 Gauged Open
	02:05	Cargo Hose(s) Connected
	02:10	Preliminary Inspection Commenced
	02:25	Preliminary Inspection Completed
	02:30	Preliminary Calculations Commenced
	03:00	Preliminary Calculations Completed
	05:00	Load Commenced
	06:30	Load Suspended
	07:40	Shore Tank 9602 Gauged Open
	12:35	Load Resumed
	15:00	Inspector Notified 2 hrs
	17:45	Inspector Arrived at Terminal
	19:30	Shore Tank 9602 Gauged Close
	21:00	Load Completed
	21:45	Shore Tank 32 Gauged Close
	22:00	Final Inspection Commenced
	22:20	Final Inspection Completed
	22:45	Sampling Completed
	22:50	Final Calculations Commenced
	23:20	Final Calculations Completed
	23:40	Released to Terminal
11-MAR-2021	00:00	Shore Tank 32 Re-Gauge by Terminal
	00:40	Barge Re-Gauge by Terminal
	01:00	Shore Tank 32 Re-Gauge by Terminal
	01:40	Barge Re-Gauge by Terminal
	02:10	Cargo Hose(s) Disconnected
	13:29	Sent for/Awaiting Confirmation
12-MAR-2021	10:18	Received confirmation from the terminal

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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LETTER OF PROTEST ° PAR-77476

VESSEL : FMT - 6001
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-MAR-2021

TO : Vessel

REFERENCE : Vessel to Shore Difference After Load

On Behalf of our Principals, we do hereby note the following Protest:

Vessel to Shore Difference After Load

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

Camin Cargo Control



NOTICE OF APPARENT DISCREPANCY ° PAR-77476

VESSEL : FMT - 6001
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-MAR-2021

TO : Terminal

REFERENCE : Shore to Vessel variance after Load

On Behalf of our Principals, we do hereby note the following Discrepancy:

Terminal requested both the Vessel and Shore Tank be rechecked two times.

Upon completion of both rechecks the figures remained the same.

Shore to Vessel Variance with VEF is 0.83 bbls.

Shore to Vessel Variance without VEF is 147.06 bbls.

Loading Quantity: 18989.670

Vessel Received: 19136.730

Difference: 147.060

Difference %: 0.770

VEF: 1.00770

Theoretical Shore: 18990.500

Theoretical Shore Diff.: 0.830

Theoretical Shore Diff. %: 0.000

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

Camin Cargo Control