



ExxonMobil Chemical Co.

22777 Springwoods Village Parkway
Spring, TX 77389

Attention : **Clarissa Narine**

MOVEMENT : Load
VESSEL : **FMT - 6002**
LOCATION : ExxonMobil Chemical - Beaumont, TX
File N° : PAR-77711
DATE : 04/11/2021 - 04/19/2021
REFERENCE N° : 5402817

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-77711 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-77711

| | | | |
|-----------------|---|----------------------|----------------------|
| VESSEL | : FMT - 6002 | MOVEMENT | : Load |
| LOCATION | : ExxonMobil Chemical - Beaumont, TX | JOB COMPLETED | : 11-APR-2021 |
| PRODUCT | : BENZENE | REFERENCE N° | : 5402817 |

| | | | | |
|-------------|---|--------------|----------------|--------------------|
| LOAD | Port | VCF | Voyage# | Gauge Date |
| | : ExxonMobil Chemical - Beaumont, TX | D1555 | | 11-APR-2021 |

| DISCHARGE | Barrels @ 60 °F | API @ 60 °F | TCV | FW | GSV | S&W | NSV | Reference |
|------------------|------------------------|--------------------|------------|-----------|------------|----------------|------------|------------------|
|------------------|------------------------|--------------------|------------|-----------|------------|----------------|------------|------------------|

I. SHORE/SHORE COMPARISON-NOT AVAILABLE

| | | | | | | | | |
|--------------------------------|------|-----------|------|-----------|------|-----------|--|-----------|
| 1. Loading Quantity | 28.5 | 20,125.71 | 0.00 | 20,125.71 | 0.00 | 20,125.71 | | |
| 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 | 20,089.58 | 0.00 | 20,089.58 | Liquid | Non-Liquid |
| b. OBQ | 0.00 | 0.00 | 0.00 | | |
| c. Vessel Received | 20,089.58 | 0.00 | 20,089.58 | | (a-b) |
| d. Difference | -36.13 | 0.00 | -36.13 | | (c-1) |
| e. Difference % | -0.18 | | -0.18 | | (d/1*100) |
| f. Load Ratio | 0.99820 | | | | (c/1) |
| g. VEF | 0.9976 | | | | |
| h. Theoretical Shore | 20,137.91 | | | | (c/g) |
| i. Theoretical Shore Diff. | 12.20 | | | | (h-1) |
| j. Theoretical Shore Diff. % | 0.06 | | | | (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 | --- |
|--------------------------------|----------------------------|----------------|---------------------------|------------|

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 / 570157 / April 20, 2021

**QUANTITY CERTIFICATE N° PAR- 77711**

Based on Shore Measurements

VESSEL : FMT - 6002**LOCATION** : ExxonMobil Chemical - Beaumont, TX**PRODUCT** : BENZENE**MOVEMENT** : Load**JOB COMPLETED** : 11-APR-2021**REFERENCE N°** : 5402817

| | 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: 11-Apr 05:45 | | | Gauge Date Close: 11-Apr 18:50 | | | | | |
| | Ft-In (Inn.) | Bbls | Ft-In | Bbls | Factor | Bbls | Bbls | °F | °F | @ 60°F | D1555 | Bbls @ 60°F | % | @ 60°F | Bbls @ 60°F |
| O | 33-02 01/04 | 20,669.52 | --- | Nil | 1.00031 | --- | 20,675.93 | 55.0 | 89.6 | 28.5 (S) | 0.98036 | 20,269.85 | --- | --- | 20,269.85 |
| C | 07-08 05/08 | 4,667.42 | --- | Nil | 1.00037 | --- | 4,669.15 | 84.0 | 90.3 | 28.5 (S) | 0.97989 | 4,575.25 | --- | --- | 4,575.25 |
| | | 16,002.10 | | 0 | | | 16,006.78 | | | | | 15,694.60 | | | 15,694.60 |
| Line: --- | | | | | | | | | | | | | | | |
| Adjustment: --- | | | | | | | | | | | | | | | |
| Tank: 9602 | | Ref. Gauge Ht: 51-02 00/00 | | | | | Gauge Date Open: 11-Apr 06:00 | | | Gauge Date Close: 11-Apr 16:55 | | | | | |
| | Ft-In (Inn.) | Bbls | Ft-In | Bbls | Factor | Bbls | Bbls | °F | °F | @ 60°F | D1555 | Bbls @ 60°F | % | @ 60°F | Bbls @ 60°F |
| O | 33-07 05/08 | 4,806.45 | --- | Nil | 1.00037 | --- | 4,808.23 | 55.0 | 95.5 | 28.5 (S) | 0.97639 | 4,694.71 | --- | --- | 4,694.71 |
| C | 01-11 01/04 | 269.75 | --- | Nil | 1.00042 | --- | 269.86 | 88.0 | 94.9 | 28.5 (S) | 0.97679 | 263.60 | --- | --- | 263.60 |
| | | 4,536.70 | | 0 | | | 4,538.37 | | | | | 4,431.11 | | | 4,431.11 |
| 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 | 20,125.71 | S&W | --- | | |
| Free Water Barrels | 0.00 | | --- | | |
| | GSV | NSV | | GSW | NSW |
| Barrels @ 60 °F | 20,125.71 | 20,125.71 | Long Tons - Air | 2,779.688 | 2,779.688 |
| Gallons @ 60 °F | 845,279.82 | 845,279.82 | Metric Tons - Air | 2,824.296 | 2,824.296 |
| API Gravity @ 60 °F (S) | 28.5 | | Short Tons - Air | 3,113.250 | 3,113.250 |
| Lb/Gal @ 60 °F | 7.366200000 | | Kilograms - Air | 2,824,296.4 | 2,824,296.4 |
| | | | Pounds - Air | 6,226,500.2 | 6,226,500.2 |

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



VESSEL QUANTITY REPORT N° PAR-77711

VESSEL : FMT - 6002
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-APR-2021
REFERENCE N° : 5402817

| 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 | 15-09 01/02 | 17-04 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 01S | 15-09 01/02 | 17-04 01/04 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 02P | 15-09 01/02 | 17-04 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 02S | 15-09 01/02 | 17-03 07/08 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 03P | 15-09 01/04 | 17-03 07/08 | 00-00 00/00 | Nil | ---- | Nil | | | |
| 03S | 15-09 01/02 | 17-04 00/00 | 00-00 00/00 | Nil | ---- | Nil | | | |
| | | | | Nil | | Nil | | | |

Gauge Date **General Information**

11-APR-2021

Sea Condition : Calm

SN=G23674

SN=G23674

| 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 0.9976 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-77711

VESSEL : FMT - 6002
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-APR-2021
REFERENCE N° : 5402817

| Comp. No | Chart | RH | Phy GH | Gauge | Corr. Gauge | TOV | Water | Water | Temp. | VCF | GSV @ 60 °F | | | |
|----------|-------|-------|--------|-------|-------------|-----------|-------|-------|----------|------|-------------|------|---------|----------|
| Ft-In | Ft-In | Ft-In | Ft-In | Ft-In | Bbls | Gauge | Bbls | °F | D1555 | Bbls | | | | |
| 01P | 15-09 | 01/02 | 17-04 | 00/00 | 07-01 | 01/02 | 05-07 | 00/00 | 3,383.77 | ---- | Nil | 90.0 | 0.98009 | 3,316.40 |
| 01S | 15-09 | 01/02 | 17-04 | 01/04 | 07-02 | 01/02 | 05-08 | 00/00 | 3,356.11 | ---- | Nil | 89.9 | 0.98016 | 3,289.52 |
| 02P | 15-09 | 01/02 | 17-04 | 00/00 | 08-07 | 03/04 | 07-01 | 01/04 | 3,213.89 | ---- | Nil | 90.0 | 0.98009 | 3,149.90 |
| 02S | 15-09 | 01/02 | 17-03 | 07/08 | 08-04 | 01/04 | 06-09 | 03/04 | 3,321.76 | ---- | Nil | 89.9 | 0.98016 | 3,255.86 |
| 03P | 15-09 | 01/04 | 17-03 | 07/08 | 07-06 | 00/00 | 05-11 | 01/02 | 3,588.05 | ---- | Nil | 89.3 | 0.98056 | 3,518.30 |
| 03S | 15-09 | 01/02 | 17-04 | 00/00 | 07-04 | 01/04 | 05-09 | 03/04 | 3,631.17 | ---- | Nil | 89.7 | 0.98029 | 3,559.60 |
| | | | | | | 20,494.75 | | | Nil | 89.8 | 20,089.58 | | | |

Gauge Date

11-APR-2021

SN=G23674

SN=G23674

| 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 | 09-00 | 09-00 | 09-00 | 09-00 | 00-00 00/00 | 0.00 |

Note:

Trim Correction was applied.

VEF (divisor) of 0.9976 was applied to Vessel Received Quantities only

Vessel was gauged/sampled using a Closed/Restricted System

| VESSEL QUANTITIES | DEPARTURE | RECEIVED | | | | |
|----------------------|-------------|-------------|------------|-------------------|-------------|-------------|
| TCV, Barrels @ 60 °F | 20,089.58 | 20,137.91 | S&W | --- | | |
| Free Water Barrels | 0.00 | 0.00 | | --- | | |
| | GSV | GSV | NSV | GSW | NSW | |
| Barrels @ 60 °F | 20,089.58 | 20,137.91 | 20,137.91 | Long Tons - Air | 2,781.373 | 2,781.373 |
| Gallons @ 60 °F | 843,762.36 | 845,792.22 | 845,792.22 | Metric Tons - Air | 2,826.008 | 2,826.008 |
| API Gravity @ 60 °F | 28.5 (S) | 28.5 (S) | | Short Tons - Air | 3,115.137 | 3,115.137 |
| Lb/Gal @ 60 °F | 7.366200000 | 7.366200000 | | Kilograms - Air | 2,826,008.4 | 2,826,008.4 |
| | | | | Pounds - Air | 6,230,274.7 | 6,230,274.7 |

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

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LINE DISPLACEMENT REPORT N° PAR-77711

VESSEL : FMT - 6002
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-APR-2021
REFERENCE N° : 5402817

| Shore Tank | | Observed Gauges | TOV | Temp. | API | VCF | TCV |
|-------------------------|---|-----------------|-----------|--------|---------|---------|--------------|
| Gauge Date: 11-APR-2021 | | Ft-In (Inn.) | Bbls | °F | @ 60 °F | D1555 | Bbls @ 60 °F |
| 32 | O | 33-00 00/00 | 20,551.69 | 89.6 | 28.5 | 0.98036 | 789.51 |
| | C | 31-09 05/08 | 19,746.36 | | | | |
| | | | 805.33 | | | | |
| Total | | | 805.33 | 789.51 | | | |

| | | | | |
|------------|--------|------|------------------|-------------------------------|
| Shore Line | Length | Size | Nominal Capacity | Condition Before Displacement |
| | 0 km | 0" | 500.00 Bbls | Full |

| Vessel | Observed Gauges | | TOV | Temp. | API | VCF | TCV |
|------------|-----------------|--------------|--------|--------|---------|---------|--------------|
| FMT - 6002 | | Ft-In (Ull.) | Bbls | °F | @ 60 °F | D1555 | Bbls @ 60 °F |
| 03P | O | 00-00 00/00 | 0.00 | 89.8 | 28.5 | 0.98022 | 793.89 |
| | C | 13-06 03/04 | 809.91 | | | | |
| | | | 809.91 | | | | |
| Total | | | 809.91 | 793.89 | | | |

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

| | TOV | |
|--------------------------|---------|-----------|
| | Barrels | Gallons |
| Total Tank | 805.33 | 33,823.86 |
| Total Vessel | 809.91 | 34,016.22 |
| Volume Difference | 4.58 | 192.36 |
| % Difference | 0.57 | 0.57 |

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-77711****VESSEL** : FMT - 6002**LOCATION** : ExxonMobil Chemical - Beaumont, TX**PRODUCT** : BENZENE**MOVEMENT** : Load**JOB COMPLETED** : 11-APR-2021**REFERENCE N°** : 5402817

| Date | Time | Description |
|-------------|-------|---|
| 11-APR-2021 | 00:01 | Barge Tendered |
| | 03:30 | Inspector Notified 2hrs |
| | 04:00 | Inspector Arrived at Office |
| | 04:30 | Barge(s) Arrived |
| | 04:45 | Barge(s) Docked |
| | 05:20 | Inspector Arrived at Terminal |
| | 05:45 | Shore Tank 32 Gauged Open |
| | 06:00 | Shore Tank 9602 Gauged Open |
| | 06:05 | Cargo Hose(s) Connected |
| | 06:15 | Preliminary Inspection Commenced |
| | 06:30 | Preliminary Inspection Completed |
| | 06:30 | Preliminary Calculations Commenced |
| | 06:40 | Load Commenced |
| | 06:45 | Preliminary Calculations Completed |
| | 08:05 | Load Suspended |
| | 09:00 | Load Resumed |
| | 15:00 | Inspector Notified 2hrs |
| | 15:30 | Inspector Arrived @ Office |
| | 16:30 | Inspector Arrived @ Terminal |
| | 16:55 | Shore Tank 9602 Gauged Close |
| | 18:25 | Load Completed |
| | 18:50 | Shore Tank 32 Gauged Close |
| | 19:00 | Final Inspection Commenced |
| | 19:15 | Final Inspection Completed |
| | 19:50 | Final Calculations Commenced |
| | 19:50 | Sampling Completed |
| | 20:15 | Final Calculations Completed |
| | 20:55 | Cargo Hose(s) Disconnected |
| | 21:00 | Released |
| 12-APR-2021 | 09:21 | Sent for/Awaiting Confirmation |
| 19-APR-2021 | 15:01 | Received confirmation from the terminal |

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



LETTER OF PROTEST ° PAR-77711

VESSEL : FMT - 6002
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : BENZENE

MOVEMENT : Load
JOB COMPLETED : 11-APR-2021

TO : Terminal

REFERENCE : Shore to Vessel variance after Load

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

Shore to Vessel 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