



Field Inspection Report

Cargo Operation: Inventory

Vessel(s)

Product(s)

6 Fuel Oil
#2 Fuel Oil/ Diesel

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

PS-TANKINVENTORY-5-23

Location(s)

San Juan | Prepa - Palo Seco

All measurements contained in this report were performed according to the API manual of petroleum measurement standards:

Chapter 3 Tank Gauging; Chapter 7 Temperature Determination; Chapter 8 Sampling; Chapter 12 Calculation of Petroleum Quantities; Chapter 17 Marine Measurement.

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

All Operations to be carried out in accordance with Bureau Veritas Commodities Division General Conditions of Service (2014 Edition). An electronic version can also be viewed on our company website: www.bureauveritas.com/terms_and_conditions/index.asp

Victor REYES

Bureau Veritas Commodities and Trade, Inc

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V. Reyes

Job #: PRPUE-23-00193-1
Date: 31-May-2023

Shore Tanks Measurements



BUREAU
VERITAS

Location(s): San Juan - Prepa - Palo Seco
Vessel(s):
Product(s): # 6 Fuel Oil
Client(s): Autoridad De Energia Electrica De Puerto Rico-PS-TANKINVENTORY-5-23

| R-1 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
|--------------------|----------|-------------|-------------|-------------|----------|----------|-------------|-------------|-------------|-----------|-----------|-----|
| | | | Open | 31-May-2023 | 20:15 | N/A | 83.0 | 1.00036 | 25.59 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 10-4 1/2 | 71,083.48 | N/A | 0.00 | 18.5 | 90.0 | 71,109.07 | 0.98785 | 70,245.09 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 71,083.48 | | 0.00 | | | 71,109.07 | | 70,245.09 | | | |
| Adjustments to GSV | | | | | | | | | | 70,245.09 | | |
| R-2 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
| | | | Open | 31-May-2023 | 20:56 | N/A | 83.0 | 1.00043 | 16.75 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 20-3 5/8 | 38,948.58 | N/A | 0.00 | 18.4 | 96.2 | 38,965.33 | 0.98534 | 38,394.10 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 38,948.58 | | 0.00 | | | 38,965.33 | | 38,394.10 | | | |
| Adjustments to GSV | | | | | | | | | | 38,394.10 | | |
| R-4 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
| | | | Open | 31-May-2023 | 18:35 | N/A | 83.0 | 1.00038 | 3.84 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 41-5 3/8 | 10,117.98 | N/A | 0.00 | 19.1 | 91.8 | 10,121.82 | 0.98705 | 9,990.74 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 10,117.98 | | 0.00 | | | 10,121.82 | | 9,990.74 | | | |
| Adjustments to GSV | | | | | | | | | | 9,990.74 | | |
| S-1 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
| | | | Open | 01-Jun-2023 | 00:38 | N/A | 80.0 | 1.00041 | 1.42 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 12-1 5/8 | 3,465.62 | N/A | 0.00 | 18.4 | 94.3 | 3,467.04 | 0.98611 | 3,418.88 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 3,465.62 | | 0.00 | | | 3,467.04 | | 3,418.88 | | | |
| Adjustments to GSV | | | | | | | | | | 3,418.88 | | |
| S-3 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
| | | | Open | 01-Jun-2023 | 00:20 | N/A | 80.0 | 1.00047 | 3.27 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 12-9 1/8 | 6,967.14 | N/A | 0.00 | 18.4 | 100.0 | 6,970.41 | 0.98379 | 6,857.42 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 6,967.14 | | 0.00 | | | 6,970.41 | | 6,857.42 | | | |
| Adjustments to GSV | | | | | | | | | | 6,857.42 | | |
| S-4 | | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
| | | | Open | 01-Jun-2023 | 00:00 | N/A | 80.0 | 1.00037 | 2.34 | | 6B-60°F | |
| | | | Close | | | N/A | | | | | 6B-60°F | |
| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels | | | |
| Open | 14-3 | 6,335.56 | N/A | 0.00 | 18.4 | 91.8 | 6,337.90 | 0.98713 | 6,256.33 | | | |
| Close | | | | | | | | | | | | |
| Difference | | 6,335.56 | | 0.00 | | | 6,337.90 | | 6,256.33 | | | |
| Adjustments to GSV | | | | | | | | | | 6,256.33 | | |

V. Reyes

Job #: PRPUE-23-00193-1
 Date: 31-May-2023

Shore Tanks Measurements



**BUREAU
VERITAS**

Location(s): San Juan - Prepa - Palo Seco

Vessel(s):

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-PS-TANKINVENTORY-5-23

Shore Summary

| API-60°F | Adjustments (Bbls) | | | Condition of Shore Lines | Method of Verification | Water Paste Used |
|----------|--------------------|------------------|----------|--------------------------|------------------------|--------------------------|
| | For Meters to GSV | For Lines to GSV | To Water | | | |
| 18.5 | | | | Full Before & After | Per Terminal | Kolor Kut |
| | Shore Delivered | Total Calculated | | Gross Standard | | Density |
| | Cubic Meters 15°C | 21,480.538 | | 21,480.538 | | API 60°F |
| | Cubic Meters 60°F | 21,489.130 | | 21,489.130 | | 18.5 |
| | Liters 60°F | 21,489,130 | | 21,489,130 | | Table 8 Lbs/Gal (In Air) |
| | Barrels 60°F | 135,162.56 | | 135,162.56 | | 7.855921252 |
| | Gallons 60°F | 5,676,827.52 | | 5,676,827.52 | | Table 11 LT/Bbl (In Air) |
| | Kilograms | 20,228,727 | | 20,228,727 | | 0.1472985235 |
| | Pounds | 44,596,710 | | 44,596,710 | | Table 13 MT/Bbl (In Air) |
| | Short Tons | 22,298.355 | | 22,298.355 | | 0.1496622094 |
| | Long Tons | 19,909.246 | | 19,909.246 | | Table 13 MT/Bbl (In Vac) |
| | MT (In Air) | 20,228.727 | | 20,228.727 | | 0.1498304365 |
| | MT (In Vac) | 20,251.465 | | 20,251.465 | | |
| | Free Water | | 0.00 | | | |

Date/Time

Date/Time

V. Reyes
Victor REYES

Date/Time

31-May-2023

Job #: PRPUE-23-00193-1
Date: 31-May-2023

Shore Tanks Measurements



Location(s): San Juan - Prepa - Palo Seco
Vessel(s):
Product(s): #2 Fuel Oil/ Diesel
Client(s): Autoridad De Energia Electrica De Puerto Rico-PS-TANKINVENTORY-5-23

**BUREAU
VERITAS**

| D-1 | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
|-----|-----------|-------|-------------|-------|----------|--------|-------------|-----------|-----------|-----------|-----|
| | | Open | 31-May-2023 | 23:40 | N/A | 80.0 | 1.00030 | 1.07 | | 6B-60°F | |
| | | Close | | | N/A | | | | | 6B-60°F | |

| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels |
|-----------------|----------|-------------|-------------|------------|----------|---------|-------------|----------|-------------|
| Open | 25-9 3/8 | 3,574.07 | Nil | 0.00 | 34.8 | 84.8 | 3,575.14 | 0.98851 | 3,534.06 |
| Close | | | | | | | | | |
| Difference | | 3,574.07 | | 0.00 | | | 3,575.14 | | 3,534.06 |

Adjustments to GSV

| D-2 | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
|-----|-----------|-------|-------------|-------|----------|--------|-------------|-----------|-----------|-----------|-----|
| | | Open | 31-May-2023 | 19:30 | N/A | 83.0 | 1.00032 | 3.78 | | 6B-60°F | |
| | | Close | | | N/A | | | | | 6B-60°F | |

| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels |
|-----------------|----------|-------------|-------------|------------|----------|---------|-------------|----------|-------------|
| Open | 9-9 5/8 | 11,800.93 | Nil | 0.00 | 34.9 | 86.3 | 11,804.71 | 0.98781 | 11,660.81 |
| Close | | | | | | | | | |
| Difference | | 11,800.93 | | 0.00 | | | 11,804.71 | | 11,660.81 |

Adjustments to GSV

| D-3 | Crit Zone | Phase | Date/Time | | Roof Adj | Amb °F | CTSh Factor | CTSh Bbls | Lines Adj | VCF Table | CoE |
|-----|-----------|-------|-------------|-------|----------|--------|-------------|-----------|-----------|-----------|-----|
| | | Open | 31-May-2023 | 19:40 | N/A | 83.0 | 1.00030 | 3.43 | | 6B-60°F | |
| | | Close | | | N/A | | | | | 6B-60°F | |

| Operation Phase | Gauge ft | TOV Barrels | FW Gauge ft | FW Barrels | API-60°F | Temp °F | GOV Barrels | VCF 60°F | GSV Barrels |
|-----------------|-----------|-------------|-------------|------------|----------|---------|-------------|----------|-------------|
| Open | 13-11 5/8 | 11,544.40 | 0-2 3/4 | 116.33 | 37.5 | 84.1 | 11,431.50 | 0.98858 | 11,300.95 |
| Close | | | | | | | | | |
| Difference | | 11,544.40 | | 116.33 | | | 11,431.50 | | 11,300.95 |

Adjustments to GSV

Shore Summary

| API-60°F | Adjustments (Bbls) | | | Condition of Shore Lines | Method of Verification | Water Paste Used |
|-----------------|--------------------|------------------|----------------|--------------------------|------------------------|--------------------------|
| | For Meters to GSV | For Lines to GSV | To Water | | | |
| 36.0 | | | | Full Before & After | Per Terminal | Kolor Kut |
| Shore Delivered | Shore Delivered | Total Calculated | Gross Standard | | | Density |
| | Cubic Meters 15°C | 4,229.006 | 4,210.519 | | | API 60°F |
| | Cubic Meters 60°F | 4,230.994 | 4,212.499 | | | 36.0 |
| | Liters 60°F | 4,230,994 | 4,212,499 | | | Table 8 Lbs/Gal (In Air) |
| | Barrels 60°F | 26,612.15 | 26,495.82 | | | 7.034107587 |
| | Gallons 60°F | 1,117,710.30 | 1,112,824.44 | | | Table 11 LT/Bbl (In Air) |
| | Kilograms | 3,566,186 | 3,550,597 | | | 0.1318895173 |
| | Pounds | 7,862,095 | 7,827,727 | | | Table 13 MT/Bbl (In Air) |
| | Short Tons | 3,931.048 | 3,913.864 | | | 0.1340059363 |
| | Long Tons | 3,509.864 | 3,494.521 | | | Table 13 MT/Bbl (In Vac) |
| | MT (In Air) | 3,566.186 | 3,550.597 | | | 0.1341765103 |
| MT (In Vac) | 3,570.725 | 3,555.117 | | | | |
| | Free Water | 116.33 | | | | |

Date/Time

Date/Time

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Date/Time
31-May-2023