



# Field Inspection Report

## Cargo Operation: Inventory

**Vessel(s)**

**Product(s)**

#2 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

MAY-TANK INVENTORY-8-23

**Location(s)**

Mayaguez | Prepa - Mayaguez

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](http://www.bureauveritas.com/terms_and_conditions/index.asp)



Reinaldo WSO  
Bureau Veritas Commodities and Trade, Inc

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Shore Tanks Measurements - #2 Fuel Oil

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Job # PRPUE-23-00307-1  
Date 31-Aug-2023

# Shore Tanks Measurements



Location(s): Mayaguez - Prepa - Mayaguez

Vessel(s):

Product(s): #2 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-MAY-TANK INVENTORY-8-23

**BUREAU  
VERITAS**

R-1	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023	N/A	85.0	1.00036	8.84		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	33-2 1/4	24,905.64	0-3	348.64	36.8	89.3	24,565.84	0.98621	24,227.08
Close									
Difference		24,905.64		348.64			24,565.84		24,227.08
Adjustments to GSV									24,227.08

D-2	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023	N/A	85.0	1.00036	1.40		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	22-7 3/8	3,876.79	0-0	0.00	36.3	89.6	3,878.19	0.98612	3,824.36
Close									
Difference		3,876.79		0.00			3,878.19		3,824.36
Adjustments to GSV									3,824.36

D-3	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023	N/A	85.0	1.00036	2.06		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	29-10 3/8	5,709.83	0-0	0.00	36.3	90.0	5,711.89	0.98593	5,631.52
Close									
Difference		5,709.83		0.00			5,711.89		5,631.52
Adjustments to GSV									5,631.52

R-4	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023	N/A	85.0	1.00031	2.33		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 3/8	7,513.19	0-0	0.00	36.5	84.8	7,515.52	0.98836	7,428.04
Close									
Difference		7,513.19		0.00			7,515.52		7,428.04
Adjustments to GSV									7,428.04

## 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			
36.3						Kolor Kut

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard	Density
	Cubic Meters 15°C	6,588.459	6,533.057	API 60°F
	Barrels 60°F	41,459.64	41,111.00	36.3
	Gallons 60°F	1,741,304.88	1,726,662.00	Table 8 Lbs/Gal (In Air)
	Pounds	12,226,596	12,123,781	7.021513813
	Long Tons	5,458.302	5,412.402	Table 11 LT/Bbl (In Air)
	MT (In Air)	5,545.891	5,499.255	0.1316533840
	Free Water	348.64		Table 13 MT/Bbl (In Air)
			0.1337660138	
			Table 13 MT/Bbl (In Vac)	
			0.1339366238	

Job # PRPUE-23-00307-1

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Product(s): #2 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-MAY-TANK INVENTORY-8-23

# Shore Tanks Measurements



## Comments

Note : Shore Tanks D-2 & D-3 TOV was provided by the Terminal Supervisor.

Date/Time

Date/Time

Date/Time

Renaldo LUGO