



# Field Inspection Report

## Cargo Operation: Inventory

**Vessel(s)**

**Product(s)**

# 6 Fuel Oil  
#2 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

CS-TANKINVENTORY-5-22

**Location(s)**

Guayanilla | Prepa - Costa Sur

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).

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Job #: PRPUE-22-00118-1

Date: 31-May-2022

# Shore Tank Measurements



Location(s): Guayanilla - Prepa - Costa Sur

Vessel(s):

Product(s): #2 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-CS-TANKINVENTORY-5-22

**BUREAU  
VERITAS**

01	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-May-2022 21:50	N/A	79.0	1.00032	1.03		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	18-9 1/2	3,217.90	N/A		39.8	86.9	3,218.93	0.98690	3,176.76
Close									
Difference		3,217.90					3,218.93		
Adjustments to GSV									3,176.76

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			
34.5						Kolor Kut

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard
	Cubic Meters 15°C	504.832	504.832
	Barrels 60°F	3,176.76	3,176.76
	Gallons 60°F	133,423.92	133,423.92
	Pounds	947,011	947,011
	Long Tons	422.773	422.773
	MT (In Air)	429.557	429.557
	Free Water		

Density	
API 60°F	34.5
Table 8 Lbs/Gal (In Air)	7.097759247
Table 11 LT/Bbl (In Air)	0.1330829859
Table 13 MT/Bbl (In Air)	0.1352185564
Table 13 MT/Bbl (In Vac)	0.1353889486

Date/Time

Date/Time

Date/Time

Job #: PRPUE-22-00118-1

Date: 31-May-2022

# Shore Tank Measurements



Location(s): Guayanilla - Prepa - Costa Sur

Vessel(s):

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-CS-TANKINVENTORY-5-22

**BUREAU  
VERITAS**

R-3	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
API:		Open	31-May-2022 21:15	N/A	79.0	1.00038	109.47		6B-60°F	
Vol:		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	5-10 7/8	288,085.77	N/A		20.0	93.2	288,195.24	0.98637	284,267.14
Close									
Difference		288,085.77					288,195.24		

Adjustments to GSV

284,267.14

R-2	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
API:		Open	31-May-2022 23:55	N/A	79.0	1.00037	57.14		6B-60°F	
Vol:		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	25-6 3/4	154,426.57	N/A		19.2	92.1	154,483.71	0.98691	152,461.52
Close									
Difference		154,426.57					154,483.71		

Adjustments to GSV

152,461.52

## 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			
19.2						N/A

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard
	Cubic Meters 15°C	69,405.851	69,405.851
	Barrels 60°F	436,728.66	436,728.66
	Gallons 60°F	18,342,603.72	18,342,603.72
	Pounds		
	Long Tons		
	MT (In Air)		
	Free Water		

Density	
API 60°F	19.2
Lbs/Gal (In Air)	
LT/Bbl (In Air)	
MT/Bbl (In Air)	
MT/Bbl (In Vac)	

Date/Time

Date/Time