



## Field Inspection Report

### Cargo Operation: Inventory

**Asset(s)**

Inventory

**Product(s)**

# 6 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

AG-TANK INVENTORY-11-21

**Location(s)**

Aguirre | Prepa - Aguirre

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)

Victor REYES

Bureau Veritas Commodities and Trade, Inc

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Shore Tank Measurements - # 6 Fuel Oil

1

*V. Payne*

Job #: PRPUE-21-10342-1

Date: 30-Nov-2021

Location: Aguirre - Prepa - Aguirre

Asset(s): Inventory

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-AG-TANK INVENTORY-11-21

# Shore Tank Measurements



**BUREAU  
VERITAS**

R-1										Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
											Open	30-Nov-2021 18:45	N/A	80.0	1.00035	11.47		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	5-2	32,767.86	0-0	0.00	19.7	89.6	32,779.33	0.98789	32,382.37										
Close																			
Difference		32,767.86		0.00			32,779.33												
Adjustments to GSV																			32,382.37

  

R-3										Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
											Open	30-Nov-2021 19:00	N/A	79.0	1.00043	73.67		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	25-8 5/8	171,314.20	0-0	0.00	19.7	97.1	171,387.87	0.98480	168,782.77										
Close																			
Difference		171,314.20		0.00			171,387.87												
Adjustments to GSV																			168,782.77

  

S-1										Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
											Open	01-Dec-2021 00:15	N/A	78.0	1.00037	9.33		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	28-1 1/2	25,202.83	0-0	0.00	19.7	91.5	25,212.16	0.98710	24,886.92										
Close																			
Difference		25,202.83		0.00			25,212.16												
Adjustments to GSV																			24,886.92

  

S-2										Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
											Open	01-Dec-2021 00:25	N/A	78.0	1.00036	9.19		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	28-5 7/8	25,527.72	0-0	0.00	19.7	90.1	25,536.91	0.98768	25,222.30										
Close																			
Difference		25,527.72		0.00			25,536.91												
Adjustments to GSV																			25,222.30

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				Full Before & After	Per Terminal	n/a	
19.7										
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density				
	CubicMeters-15C	39,933.058		39,933.058		API-60F				
	CubicMeters-60F	39,949.431		39,949.431		19.7				
	Liters-60F	39,949,431		39,949,431		Table 8 Lbs/Gal (In Air)				
	Barrels-60F	251,274.36		251,274.36		7.793493229				
	Gallons-60F	10,553,523.12		10,553,523.12		Table 11 LT/Bbl (In Air)				
	Kilograms	37,307,433		37,307,433		0.1461279981				
	Pounds	82,248,811		82,248,811		Table 13 MT/Bbl (In Air)				
	Short Tons	41,124.406		41,124.406		0.1484729007				
	Long Tons	36,718.219		36,718.219		Table 13 MT/Bbl (In Vac)				
MT (In Air)	37,307.433		37,307.433		0.1486413060					
MT (In Vac)	37,349.749		37,349.749							
Free Water		0.00								

Date / Time

Date / Time

Date / Time

*V. Reyes*  
Victor REYES

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