



# Field Inspection Report

## Cargo Operation: Inventory

**Vessel(s)**

**Product(s)**

#2 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

CAM-TANKINVENTORY-5-31

**Location(s)**

Arecibo | Prepa - Cambalache

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 LUGO  
Bureau Veritas Commodities and Trade, Inc

# Table of Contents

Shore Tanks Measurements - #2 Fuel Oil

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R. J.

Job #: PRPUE-23-00195-1

Date: 31-May-2023

Location(s): Arecibo - Prepa - Cambalache

Vessel(s):

Product(s): #2 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-CAM-TANKINVENTORY-5-31



**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	23:00	N/A	79.0	1.00002	1.13		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	22-10 1/4	56,790.17	0-1	131.05	35.0	88.6	56,660.25	0.98673	55,908.37			
Close												
Difference		56,790.17		131.05			56,660.25		55,908.37			
Adjustments to GSV										55,908.37		

D-3		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	31-May-2023	23:55	N/A	79.0	0.99996	-3.15		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	12-2	79,231.33	0-3	368.32	36.1	82.8	78,859.86	0.98933	78,018.43			
Close												
Difference		79,231.33		368.32			78,859.86		78,018.43			
Adjustments to GSV										78,018.43		

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			
35.6						Kolor-Kut

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard
	Cubic Meters 15°C	21,362.226	21,282.869
	Barrels 60°F	134,426.17	133,926.80
	Gallons 60°F	5,645,899.14	5,624,925.60
	Pounds	39,809,063	39,661,180
	Long Tons	17,771.903	17,705.884
	MT (In Air)	18,057.087	17,990.008
	Free Water	499.37	

Density
API 60°F
35.6
Table 8 Lbs/Gal (In Air)
7.050969626
Table 11 LT/Bbl (In Air)
0.1322056805
Table 13 MT/Bbl (In Air)
0.1343271730
Table 13 MT/Bbl (In Vac)
0.1344976988

Date/Time

Date/Time

*R. LUGO*  
Reinaldo LUGO