



# Field Inspection Report

## Cargo Operation: Inventory

**Vessel(s)**

**Product(s)**

#2 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

CAM-TANK INVENTORY-8-23

**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

1

R. B.

Job # PRPUE-23-00305-1  
Date 31-Aug-2023

# Shore Tanks Measurements



**BUREAU**  
**VERITAS**

Location(s) **Arecibo - Prepa - Cambalache**

Vessel(s):

Product(s) **#2 Fuel Oil**

Client(s) **Autoridad De Energia Electrica De Puerto Rico-CAM-TANK INVENTORY-8-23**

D-1	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023	22:30	N/A	80.0	1.00001	0.83		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	10-3 7/16	82,963.71	0-1 7/8	234.41	36.2	86.3	82,730.13	0.98768	81,710.89
Close									
Difference		82,963.71		234.41			82,730.13		81,710.89
Adjustments to GSV									81,710.89

D-3	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	01-Sep-2023	00:01	N/A	79.0	0.99999	-0.58		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	21-11 5/16	58,849.26	0-3 1/4	407.33	35.1	85.2	58,441.35	0.98830	57,757.59
Close									
Difference		58,849.26		407.33			58,441.35		57,757.59
Adjustments to GSV									57,757.59

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			
35.7				Full Before & After		Kolor Kut
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density
	Cubic Meters 15°C	22,265.503		22,163.521		API 60°F
	Barrels 60°F	140,110.22		139,468.48		35.7
	Gallons 60°F	5,884,629.24		5,857,676.16		Table 8 Lbs/Gal (In Air)
	Pounds	41,467,491		41,277,559		7.046746553
	Long Tons	18,512.273		18,427.482		Table 11 LT/Bbl (In Air)
	MT (In Air)	18,809.337		18,723.186		0.1321264979
	Free Water	641.74				Table 13 MT/Bbl (In Air)
						0.1342467197
						Table 13 MT/Bbl (In Vac)
						0.1344172576

Date/Time

Date/Time

Reinaldo LUGO