



BUREAU
VERITAS

Field Inspection Report

Cargo Operation: Inventory

Vessel(s)

Product(s)

#2 Fuel Oil/ Diesel

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

MAY-TANKINVENTORY-2-23

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



Victor REYES

Bureau Veritas Commodities and Trade, Inc

Table of Contents

Shore Tanks Measurements - #2 Fuel Oil/ Diesel

1

V. Payne

Job #: PRPUE-23-00041-1

Date: 28-Feb-2023

Location(s): Mayaguez - Prepa - Mayaguez

Vessel(s):

Product(s): #2 Fuel Oil/ Diesel

Client(s): Autoridad De Energia Electrica De Puerto Rico-MAY-TANKINVENTORY-2-23

Shore Tanks Measurements



**BUREAU
VERITAS**

R-1	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Gal	Lines Adj	VCF Table	CoE
		Open	28-Feb-2023	22:00	N/A	72.0	1.00026	619.24		6B-60°F	
		Close			N/A					6B-60°F	

Operation Phase	Gauge ft	TOV Gallons	FW Gauge ft	FW Gallons	API-60°F	Temp °F	GOV Gallons	VCF 60°F	GSV Gallons
Open	14-1 1/2	2,401,957.00	0-4	20,252.75	39.1	82.1	2,382,323.49	0.98933	2,356,904.10
Close									
Difference		2,401,957.00		20,252.75			2,382,323.49		2,356,904.10
Adjustments to GSV									2,356,904.10

R-2	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Gal	Lines Adj	VCF Table	CoE
		Open	01-Mar-2023	00:20	N/A	72.0	1.00030	45.47		6B-60°F	
		Close			N/A					6B-60°F	

Operation Phase	Gauge ft	TOV Gallons	FW Gauge ft	FW Gallons	API-60°F	Temp °F	GOV Gallons	VCF 60°F	GSV Gallons
Open	21-1 3/8	152,025.12	0-0 3/4	450.00	38.6	85.8	151,620.59	0.98761	149,742.01
Close									
Difference		152,025.12		450.00			151,620.59		149,742.01
Adjustments to GSV									149,742.01

R-3	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Gal	Lines Adj	VCF Table	CoE
		Open	28-Feb-2023	22:30	N/A	72.0	1.00030	80.75		6B-60°F	
		Close			N/A					6B-60°F	

Operation Phase	Gauge ft	TOV Gallons	FW Gauge ft	FW Gallons	API-60°F	Temp °F	GOV Gallons	VCF 60°F	GSV Gallons
Open	33-6 1/4	269,172.02	0-0	0.00	38.6	85.5	269,252.77	0.98776	265,957.12
Close									
Difference		269,172.02		0.00			269,252.77		265,957.12
Adjustments to GSV									265,957.12

R-4	Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Gal	Lines Adj	VCF Table	CoE
		Open	28-Feb-2023	22:50	N/A	72.0	1.00022	85.90		6B-60°F	
		Close			N/A					6B-60°F	

Operation Phase	Gauge ft	TOV Gallons	FW Gauge ft	FW Gallons	API-60°F	Temp °F	GOV Gallons	VCF 60°F	GSV Gallons
Open	14-6 1/8	390,456.00	0-0	0.00	36.3	78.6	390,541.90	0.99129	387,140.28
Close									
Difference		390,456.00		0.00			390,541.90		387,140.28
Adjustments to GSV									387,140.28

Shore Summary

API-60°F	Adjustments (Gallons)			Condition of Shore Lines	Method of Verification	Water Paste Used
	For Meters to GSV	For Lines to GSV	To Water			
38.6				Full Before & After	Per Terminal	Kolor Kut
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density
	Cubic Meters 15°C	12,033.523		11,955.191		API 60°F
	Barrels 60°F	75,724.91		75,231.99		38.6
	Gallons 60°F	3,180,446.26		3,159,743.51		Table 8 Lbs/Gal (In Air)
	Pounds	22,029,162		21,885,766		6.926437366
	Long Tons	9,834.447		9,770.431		Table 11 LT/Bbl (In Air)
	MT (In Air)	9,992.260		9,927.216		0.1298707006
	Free Water	20,702.75				Table 13 MT/Bbl (In Air)
						0.1319547239

Date/Time

Date/Time

V. Reyes
Victor REYES

Date/Time

28-Feb-2023