



Field Inspection Report

Cargo Operation: Inventory

Vessel(s)

Product(s)

6 Fuel Oil

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

PS-TANKINVENTORY-8-22

Location(s)

San Juan | Prepa - Palo Seco

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



REYES

Bureau Veritas Commodities and Trade, Inc

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Shore Tank Measurements - # 6 Fuel Oil

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V. Roney

Job #: PRPUE-22-00185-1

Date: 31-Aug-2022

Location(s): San Juan - Prepa - Palo Seco

Vessel(s):

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-PS-TANKINVENTORY-8-22

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	31-Aug-2022 19:45	N/A	83.0	1.00045	42.25		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	3-1 1/2	93,898.90	N/A	0.00	20.7	97.8	93,941.15	0.98438	92,473.79
Close									
Difference		93,898.90		0.00			93,941.15		

Adjustments to GSV 92,473.79

R-2	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2022 23:00	N/A	82.0	1.00062	13.46		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	25-9 3/8	21,714.70	N/A	0.00	19.7	113.8	21,728.16	0.97792	21,248.40
Close									
Difference		21,714.70		0.00			21,728.16		

Adjustments to GSV 21,248.40

R-4	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2022 19:30	N/A	83.0	1.00050	62.72		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	7-7	125,432.91	N/A	0.00	20.3	102.4	125,495.63	0.98253	123,303.22
Close									
Difference		125,432.91		0.00			125,495.63		

Adjustments to GSV 123,303.22

S-1	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2022 22:25	N/A	82.0	1.00045	2.11		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	4-11 1/2	4,695.66	N/A	0.00	19.7	98.3	4,697.77	0.98431	4,624.06
Close									
Difference		4,695.66		0.00			4,697.77		

Adjustments to GSV 4,624.06

S-3	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2022 22:40	N/A	82.0	1.00064	5.91		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	5-10	9,240.13	N/A	0.00	19.7	116.5	9,246.04	0.97681	9,031.62
Close									
Difference		9,240.13		0.00			9,246.04		

Adjustments to GSV 9,031.62

S-4	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2022 22:50	N/A	82.0	1.00064	5.93		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 1/8	9,265.50	N/A	0.00	19.7	116.3	9,271.43	0.97689	9,057.17
Close									
Difference		9,265.50		0.00			9,271.43		

Adjustments to GSV 9,057.17

V. Ruy

Job #: PRPUE-22-00185-1

Date: 31-Aug-2022

Location(s): San Juan - Prepa - Palo Seco

Vessel(s):

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-PS-TANKINVENTORY-8-22

Shore Tank Measurements



**BUREAU
VERITAS**

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			
20.3			Full Before & After	Per Terminal	N/A
	Shore Delivered	Total Calculated	Gross Standard		Density
	Cubic Meters 15°C	41,278.159	41,278.159		API 60°F
	Cubic Meters 60°F	41,295.083	41,295.083		20.3
	Liters 60°F	41,295,083	41,295,083		Table 8 Lbs/Gal (In Air)
	Barrels 60°F	259,738.26	259,738.26		7.762649345
	Gallons 60°F	10,909,006.92	10,909,006.92		Table 11 LT/Bbl (In Air)
	Kilograms	38,411,470	38,411,470		0.1455496752
	Pounds	84,682,795	84,682,795		Table 13 MT/Bbl (In Air)
	Short Tons	42,341.398	42,341.398		0.1478852976
	Long Tons	37,804.819	37,804.819		Table 13 MT/Bbl (In Vac)
	MT (In Air)	38,411.470	38,411.470		0.1480537910
	MT (In Vac)	38,455.234	38,455.234		
	Free Water		0.00		

Date/Time

Date/Time

Date/Time

31-Aug-2022