



Field Inspection Report

Cargo Operation: Inventory

Vessel(s)

Product(s)

#2 Fuel Oil
Fuel Oil

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

CS-TANK INVENTORY-8-23

Location(s)

Guayanilla| Prepa - Costa Sur

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



Reinaldo LUGO
Bureau Veritas Commodities and Trade, Inc

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Job # PRPUE-23-00306-1
Date 31-Aug-2023

Shore Tanks Measurements



Location(s) Guayanilla- Prepa - Costa Sur

Vessel(s)

Product(s) Fuel Oil

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

BUREAU
VERITAS

R-2	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023 19:50	N/A	94.0	1.00040	114.86		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	5-9 5/8	287,144.95	N/A		19.5	91.7	287,259.81	0.98704	283,536.92
Close									
Difference		287,144.95					287,259.81		283,536.92
Adjustments to GSV									283,536.92

R-3	Crit Zone	Phase	Date/Time	Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
		Open	31-Aug-2023 19:30	N/A	94.0	1.00041	118.40		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	5-9 5/8	288,786.40	N/A		19.0	92.6	288,904.80	0.98673	285,071.03
Close									
Difference		288,786.40					288,904.80		285,071.03
Adjustments to GSV									285,071.03

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			
19.3						N/A

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard	Density
	Cubic Meters 15°C	90,364.391	90,364.391	API 60°F
	Barrels 60°F	568,607.95	568,607.95	19.3
	Gallons 60°F	23,881,533.90	23,881,533.90	Table 8 Lbs/Gal (In Air)
	Pounds	186,614,895	186,614,895	7.814192176
	Long Tons	83,310.221	83,310.221	Table 11 LT/Bbl (In Air)
	MT (In Air)	84,647.093	84,647.093	0.1465161033
	Free Water			Table 13 MT/Bbl (In Air)
			0.1488672338	
			Table 13 MT/Bbl (In Vac)	
			0.1490355801	

Date/Time

Date/Time

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Date/Time

Bureau Veritas Commodities and Trade, Inc

Job # PRPUE-23-00306-1
 Date: 31-Aug-2023

Shore Tanks Measurements



Location(s) Guayanilla- Prepa - Costa Sur

Vessel(s):

Product(s) #2 Fuel Oil

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

BUREAU
VERITAS

LDS 1		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	31-Aug-2023	20:15	N/A	94.0	1.00036	1.77		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	28-10 7/8	4,951.45	0-2 1/8	30.29	38.5	88.5	4,922.93	0.98633	4,855.63			
Close												
Difference		4,951.45		30.29			4,922.93		4,855.63			
Adjustments to GSV									4,855.63			

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			
38.5						Kolor Kut

Shore Delivered	Shore Delivered	Total Calculated	Gross Standard	Density
	Cubic Meters 15°C	776.427	771.613	API 60°F
	Barrels 60°F	4,885.92	4,855.63	38.5
	Gallons 60°F	205,208.64	203,936.46	Table 8 Lbs/Gal (In Air)
	Pounds	1,422,202	1,413,385	6.930517629
	Long Tons	634.912	630.976	Table 11 LT/Bbl (In Air)
	MT (In Air)	645.100	641.101	0.1299472056
	Free Water	30.29		Table 13 MT/Bbl (In Air)
				0.1320324565
				Table 13 MT/Bbl (In Vac)
				0.1322033263

Date/Time

Date/Time

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