

Puerto Rico
Firm Delivery Carr 127 Km 19.1

Job #: PRPUE-21-10342-1

Date: 30-Nov-2021



**BUREAU
VERITAS**

Field Inspection Report

Cargo Operation: Inventory

Asset(s)

Inventory

Product(s)

#2 Fuel Oil/ Diesel

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

AG-TANK INVENTORY-11-21

Location(s)

Aguirre | Prepa - Aguirre

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

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V. Ryz

Job #: PRPUE-21-10342-1
 Date: 30-Nov-2021
 Location: Aguirre - Prepa - Aguirre
 Asset(s): Inventory
 Product(s): #2 Fuel Oil/ Diesel
 Client(s): Autoridad De Energia Electrica De Puerto Rico-AG-TANK INVENTORY-11-21

Shore Tank Measurements



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R-1		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	17:45	N/A	81.0	1.00025	1.38		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	6-4 1/2	5,566.29	0-2	47.74	37.6	80.4	5,519.93	0.99033	5,466.55			
Close												
Difference		5,566.29		47.74			5,519.93					
Adjustments to GSV									5,466.55			
R-2		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	17:30	N/A	81.0	1.00027	4.40		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	18-5 1/2	16,363.32	0-3	82.87	37.0	82.2	16,284.85	0.98954	16,114.51			
Close												
Difference		16,363.32		82.87			16,284.85					
Adjustments to GSV									16,114.51			
TG-1 (S-1)		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	18:00	N/A	80.0	1.00029	0.89		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	8-8 7/8	3,080.64	0-0	0.00	39.2	83.3	3,081.53	0.98874	3,046.83			
Close												
Difference		3,080.64		0.00			3,081.53					
Adjustments to GSV									3,046.83			
TG-2 (S-2)		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	18:20	N/A	80.0	1.00031	1.70		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	32-5 3/8	5,567.81	0-6 1/2	85.64	39.2	86.0	5,483.87	0.98743	5,414.94			
Close												
Difference		5,567.81		85.64			5,483.87					
Adjustments to GSV									5,414.94			
D-4		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	19:30	N/A	79.0	1.00033	6.78		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	29-11 1/2	20,538.90	0-0	0.00	37.1	88.1	20,545.68	0.98674	20,273.24			
Close												
Difference		20,538.90		0.00			20,545.68					
Adjustments to GSV									20,273.24			
D-1		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	01-Dec-2021	00:45	N/A	85.0	1.00031	6.84		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	32-8 15/16	22,434.64	0-7	360.05	36.1	84.5	22,081.43	0.98854	21,828.38			
Close												
Difference		22,434.64		360.05			22,081.43					
Adjustments to GSV									21,828.38			
D-2		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	01-Dec-2021	00:35	N/A	78.0	1.00033	3.44		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	16-0	11,142.74	0-9 1/2	706.50	37.6	88.4	10,439.68	0.98652	10,298.95			
Close												
Difference		11,142.74		706.50			10,439.68					
Adjustments to GSV									10,298.95			

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R-6		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	01-Dec-2021	01:00	N/A	80.0	1.00029	26.50		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	13-10 9/16	91,376.36	0-0	0.00	39.2	83.5	91,402.86	0.98864	90,364.52			
Close												
Difference		91,376.36		0.00			91,402.86					
Adjustments to GSV										90,364.52		

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			
38.2				Full Before & After	Per Terminal	Kolor Kut
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density
	CubicMeters-15C	27,664.934		27,461.082		API-60F
	CubicMeters-60F	27,678.213		27,474.264		38.2
	Liters-60F	27,678,213		27,474,264		Table 8 Lbs/Gal (In Air)
	Barrels-60F	174,090.72		172,807.92		6.942787270
	Gallons-60F	7,311,810.24		7,257,932.64		Table 11 LT/Bbl (In Air)
	Kilograms	23,026,319		22,856,648		0.1301772613
	Pounds	50,764,343		50,390,282		Table 13 MT/Bbl (In Air)
	Short Tons	25,382.172		25,195.141		0.1322662039
	Long Tons	22,662.653		22,495.662		Table 13 MT/Bbl (In Vac)
	MT (In Air)	23,026.319		22,856.648		0.1324370387
MT (In Vac)	23,056.059		22,886.169			
	Free Water	1,282.80				

Date / Time

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