

Puerto Rico
Firm Delivery Carr 127 Km 19.1

Job #: PRPUE-21-10341-1

Date: 30-Nov-2021



BUREAU
VERITAS

Field Inspection Report

Cargo Operation: Inventory

Asset(s)

Inventory

Product(s)

6 Fuel Oil

Client(s)

Autoridad De Energia Electrica De Puerto Rico

Reference #

SJ-TANK INVENTORY-11-21

Location(s)

San Juan | Prepa - Central SJ

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. Reyes

Job #: PRPUE-21-10341-1

Date: 29-Nov-2021

Location: San Juan - Prepa - Central SJ

Asset(s): Inventory

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico-SJ-TANK INVENTORY-11-21

Shore Tank Measurements



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VERITAS**

R-1		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	19:15	N/A	81.0	1.00035	1.80		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	3-0 3/8	5,139.88	N/A	0.00	18.8	88.9	5,141.68	0.98826	5,081.32			
Close												
Difference		5,139.88		0.00			5,141.68					
Adjustments to GSV										5,081.32		
R-2		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	19:40	N/A	81.0	1.00067	31.49		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	27-3 7/16	46,997.64	N/A	0.00	19.8	119.0	47,029.13	0.97575	45,888.67			
Close												
Difference		46,997.64		0.00			47,029.13					
Adjustments to GSV										45,888.67		
R-4		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	20:18	N/A	81.0	1.00056	21.71		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	10-2 7/8	38,764.48	N/A	0.00	20.2	108.1	38,786.19	0.98019	38,017.84			
Close												
Difference		38,764.48		0.00			38,786.19					
Adjustments to GSV										38,017.84		
S-1		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	21:45	N/A	81.0	1.00061	1.35		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	13-11 3/4	2,213.77	N/A	0.00	18.8	112.5	2,215.12	0.97862	2,167.76			
Close												
Difference		2,213.77		0.00			2,215.12					
Adjustments to GSV										2,167.76		
S-3		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	21:45	N/A	81.0	1.00061	1.36		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	4-4	2,222.77	N/A	0.00	18.8	112.5	2,224.13	0.97862	2,176.58			
Close												
Difference		2,222.77		0.00			2,224.13					
Adjustments to GSV										2,176.58		
S-4		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	30-Nov-2021	21:45	N/A	81.0	1.00061	2.35		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	22-9 7/8	3,855.90	N/A	0.00	18.8	112.5	3,858.25	0.97862	3,775.76			
Close												
Difference		3,855.90		0.00			3,858.25					
Adjustments to GSV										3,775.76		

V. Reyes

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Shore Tank Measurements



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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			
19.8				Full Before & After	Per Terminal	N/A
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density
	CubicMeters-15C	15,432.599		15,432.599		API-60F
	CubicMeters-60F	15,438.927		15,438.927		19.8
	Barrels-60F	97,107.93		97,107.93		Table 8 Lbs/Gal (In Air)
	Gallons-60F	4,078,533.06		4,078,533.06		7.788335594
	Kilograms	14,408,354		14,408,354		Table 11 LT/Bbl (In Air)
	Pounds	31,764,984		31,764,984		0.1460312924
	Short Tons	15,882.492		15,882.492		Table 13 MT/Bbl (In Air)
	Long Tons	14,180.797		14,180.797		0.1483746432
	MT (In Air)	14,408.354		14,408.354		Table 13 MT/Bbl (In Vac)
MT (In Vac)	14,424.709		14,424.709		0.1485430633	
	Free Water	0.00				

Date / Time

Date / Time

V. Reyes
Victor REYES

Date / Time