



## Field Inspection Report

### Cargo Operation: Inventory

**Asset(s)**

Inventory

**Product(s)**

# 6 Fuel Oil

#2 Fuel Oil

**Client(s)**

Autoridad De Energia Electrica De Puerto Rico

**Reference #**

PS-END OF MONTH-5-21

**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](http://www.bureauveritas.com/terms_and_conditions/index.asp)



Victor REYES

Bureau Veritas Commodities and Trade, Inc

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V. Rye

Job #: PRPUE-21-10079-1

Date: 17-May-2021

Location: San Juan - Prepa - Palo Seco

Asset(s): Inventory

Product(s): #2 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico PS-END OF MONTH-5-21

# Shore Tank Measurements



**BUREAU  
VERITAS**

D-1 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	20:25	N/A	82.0	1.00029	3.66		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	7-6 13/16	12,760.07	0-0 3/8	132.92	37.6	83.4	12,630.81	0.98890	12,490.61			
Close												
Difference		12,760.07		132.92			12,630.81					
Adjustments to GSV									12,490.61			
D-2 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	20:40	N/A	82.0	1.00029	2.91		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	13-3 5/8	10,035.97	0-0	0.00	37.3	82.7	10,038.88	0.98927	9,931.16			
Close												
Difference		10,035.97		0.00			10,038.88					
Adjustments to GSV									9,931.16			
D-3 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	20:54	N/A	82.0	1.00027	3.63		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	9-11 1/2	13,561.66	0-2 3/8	100.66	37.5	82.5	13,464.63	0.98934	13,321.10			
Close												
Difference		13,561.66		100.66			13,464.63					
Adjustments to GSV									13,321.10			

<sup>2</sup> The indicated Tank(s) were found to have no Standpipe

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			
37.5				Full Before & After		KOLOR KUT
Shore Delivered	Shore Delivered		Total Calculated	Gross Standard		Density
	CubicMeters-15C		5,717.111	5,679.993		API-60F
	Barrels-60F		35,976.45	35,742.87		37.5
	Gallons-60F		1,511,010.90	1,501,200.54		Table 8 Lbs/Gal (In Air)
	Pounds		10,534,142	10,465,748		6.971585837
	Long Tons		4,702.742	4,672.209		Table 11 LT/Bbl (In Air)
	MT (In Air)		4,778.207	4,747.184		0.1307172345
Free Water		233.58			Table 13 MT/Bbl (In Air)	
					0.1328148420	
					Table 13 MT/Bbl (In Vac)	
					0.1329855945	

Date / Time

Date / Time

*V. Reyes*  
Victor REYES

Job #: PRPUE-21-10079-1

Date: 17-May-2021

Location: San Juan - Prepa - Palo Seco

Asset(s): Inventory

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico PS-END OF MONTH-5-21

# Shore Tank Measurements



**BUREAU  
VERITAS**

R-1 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:22	N/A	82.0	1.00040	26.48		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	11-11 1/8	66,198.39	N/A		20.7	93.3	66,224.87	0.98625	65,314.28			
Close												
Difference		66,198.39					66,224.87					
Adjustments to GSV									65,314.28			
R-2 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:32	N/A	82.0	1.00037	33.75		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	3-8 1/4	91,220.40	N/A		20.6	91.2	91,254.15	0.98713	90,079.71			
Close												
Difference		91,220.40					91,254.15					
Adjustments to GSV									90,079.71			
R-4 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:10	N/A	82.0	1.00037	39.63		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	12-11 1/2	107,109.30	N/A		19.0	91.2	107,148.93	0.98730	105,788.14			
Close												
Difference		107,109.30					107,148.93					
Adjustments to GSV									105,788.14			
S-1 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:43	N/A	82.0	1.00038	1.33		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	11-11 9/16	3,495.08	N/A		19.0	92.7	3,496.41	0.98669	3,449.87			
Close												
Difference		3,495.08					3,496.41					
Adjustments to GSV									3,449.87			
S-3 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:52	N/A	82.0	1.00036	2.54		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	12-6 1/4	7,045.78	N/A		19.0	89.8	7,048.32	0.98788	6,962.89			
Close												
Difference		7,045.78					7,048.32					
Adjustments to GSV									6,962.89			
S-4 <sup>2</sup>		Crit Zone	Phase	Date/Time		Roof Adj	Amb °F	CTSh Factor	CTSh Bbls	Lines Adj	VCF Table	CoE
			Open	17-May-2021	19:58	N/A	82.0	1.00037	2.59		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	12-2 1/4	7,001.77	N/A		19.0	91.3	7,004.36	0.98726	6,915.12			
Close												
Difference		7,001.77					7,004.36					
Adjustments to GSV									6,915.12			

<sup>2</sup> The indicated Tank(s) were found to have no Standpipe

Job #: PRPUE-21-10079-1

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Location: San Juan - Prepa - Palo Seco

Asset(s): Inventory

Product(s): # 6 Fuel Oil

Client(s): Autoridad De Energia Electrica De Puerto Rico PS-END OF MONTH-5-21

# 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	To Water			
19.5				Full Before & After		N/A
Shore Delivered	Shore Delivered	Total Calculated		Gross Standard		Density
	CubicMeters-15C	44,261.406		44,261.406		API-60F
	Barrels-60F	278,510.01		278,510.01		19.5
	Gallons-60F	11,697,420.42		11,697,420.42		Table 8 Lbs/Gal (In Air)
	Pounds	91,284,669		91,284,669		7.803828995
	Long Tons	40,752.084		40,752.084		Table 11 LT/Bbl (In Air)
	MT (In Air)	41,406.029		41,406.029		0.1463217937
	Free Water					Table 13 MT/Bbl (In Air)
						0.1486698061
						Table 13 MT/Bbl (In Vac)
						0.1488381819

Date / Time

Date / Time

*V. Reyes*  
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