

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
P.O. BOX 4267
00936 SAN JUAN
Puerto Rico
Mr. M. Rios
VB-TANKINVENTORY-8-22



Job No 13101/00016758.0000/01/I/22
Report date 02 Sep 2022
Installation Vega Baja, Puerto Rico, PREPA Vega Baja Turbine Power Block

Shore tank VB-TANKINVENTORY-8-22

Product Fuel Oil # 2

Survey date: 31-Aug-2022

Contents page

Saybolt LP - Puerto Rico Branch has performed a survey of the above mentioned object, the findings of the survey are reflected in the following reports:

Title	Number of Pages
Contents page	one
Shore Tank Measurement Details	one
Shore Tank Inventory Report	one
Shore Tank Inventory Subtotals	one
Certificate of Quantity	one

This report consists of 5 pages.

A copy of this report and all field documents and related correspondence will be retained for a period of 10 years, unless local law requires otherwise

Handled by: Rafael Rodriguez

This report reflects only the findings at the time and place of the inspection and testing. This report is not a guarantee or policy of insurance with respect to the goods or the contractual performance of any party. Any person relying upon this report should be aware that issuer's activities are carried out under their general terms and conditions.

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Shore Tank Measurement Details

Shore tank S1

Measurement data (Innage)		Open	Close
Average	FT/IN	32-5-1/16	
Temperature			
Average temp.	°F	83.1	
Measurement Equipment Data			
Water measurement used		Open Paste	
Water paste used		k/k	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS50972	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9A-9773	
Inspector Equipment used for verification?		Yes	
Inspector name		Jose Flores	

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Shore Tank Inventory Report

Shore tank measurement		Totals	S1
Open measurement			
Date/time of measurement		31 Aug 2022	13:30
Average Innage	FT/IN		32-5-1/16
Average temp.	°F		83.1
T.O.V.	Barrels		5,513.17
Water	Barrels		0.00
Ambient temp.	°F		90.00
Tank shell temp.	°F		84.00
CTsh			1.00030
G.O.V.	Barrels		5,514.82
API 60°F			33.80
V.C.F.	6B		0.98939
G.S.V.	barrels 60°F		5,456.31
W.C.F.	MPMS 11.5.1.4.12		0.1336473505
W.C.F.	MPMS 11.5.1.4.15		0.1357919773
Long Tons			729.221
Metric Tons Air			740.923
Subtotals			
G.S.V.	barrels 60°F	5,456.31	5,456.31
Long Tons		729.221	729.221

Remarks
 Tables used: 6B and W.C.F. MPMS 11.5.1.4.12.

Net calculation via S&W% (API MPMS 12.1)

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Shore Tank Inventory Subtotals

Shore tank Subtotals		Totals	S1
Gross Standard Volume			
Cu m 60°F		867.484	867.484
Barrels 60°F		5,456.31	5,456.31
US gallons 60°F		229,165.02	229,165.02
Metric Tons Vac		741.852	741.852
Metric Tons Air		740.923	740.923
Long Tons Air		729.221	729.221
Short Tons Air		816.728	816.728
Pounds Air		1,633,456.00	1,633,456.00
Density 15°C			0.8556
API 60°F			33.80
RD 60/60°			0.8560
Total Calculated Volume			
Barrels 60°F		5,456.31	5,456.31
US gallons 60°F		229,165.02	229,165.02

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Certificate of Quantity

The undersigned Independent Saybolt Surveyor herewith declares that the quantity of product measured amounts to:

	Gross	Net
Cubic meters 60°F	867.484	867.484
Barrels 60°F	5,456.31	5,456.31
US Gallons 60°F	229,165.02	229,165.02
Metric Tons vac	741.852	741.852
Metric Tons air	740.923	740.923
Long Tons	729.221	729.221
Short Tons	816.728	816.728
Pounds	1,633,456.00	1,633,456.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	33.80
B/L Density 15°C	0.8556
B/L Density 20°C	0.8521
B/L RD 60/60°F	0.8560

Criteria used

US Barrels 60°F to Cu m 60°F	MPMS 11.5 - Annex D	0.158987304
US Barrels 60°F to US Gallons 60°F	MPMS 11.5 - Annex D	42
Metric Tons Air to Metric Tons Vac	MPMS 11.5.3 - 4.5	1.001253476
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1357919773
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1336473505
Long Tons to Short Tons	MPMS 11.5 - Annex D	1.12

Remark

Net via S&W Volume %

Signed by: Saybolt representative
Name:
Rank: Saybolt Inspector