

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
P.O. BOX 4267
00936 SAN JUAN
Puerto Rico
Mr. M. Rios
VB-TANKINVENTORY-5-31 - VEGA BAJA - ALL TANKS - 5/31/2023



Job No 13101/00017078.0000/01/1/23
Report date 01 Jun 2023
Installation Vega Baja, Puerto Rico, PREPA Vega Baja Turbine Power Block

Shore tank VB-TANKINVENTORY-5-31 - VEGA BAJA - ALL TANKS - 5/31/2023
Product NO2

Survey date: 31-May-2023

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 D-1

Measurement data (Innage)		Open	Close
Average	FT/IN	32 4-1/8	
Temperature			
Average temp.	°F	84.2	
Measurement Equipment Data		Open	
Water measurement used		Paste	
Water paste used		k/k	
Gauging equipment number		CS19488	
Temperature equipment number		TP7D-36697	
Inspector Equipment used for verification?		Yes	
Inspector name		Jose Flores	

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Shore Tank Inventory Report

Survey date: 31-May-2023

Shore tank measurement		Totals	D-1
Open measurement			
Date/time of measurement		31 May 2023	14:45
Average Innage	FT/IN		32 4-1/8
Average temp.	°F		84.2
T.O.V.	Barrels		5,499.89
Ambient temp.	°F		92.00
Tank shell temp.	°F		85.00
CTsh			1.00031
G.O.V.	Barrels		5,501.59
API 60°F			37.80
V.C.F.	6B		0.98849
G.S.V.	barrels 60°F		5,438.27
W.C.F.	MPMS 11.5.1.4.12		0.1304852706
W.C.F.	MPMS 11.5.1.4.15		0.1325791558
Long Tons			709.614
Metric Tons Air			721.001
Subtotals			
G.S.V.	barrels 60°F	5,438.27	5,438.27
Long Tons		709.614	709.614

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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Survey date: 31-May-2023

Shore Tank Inventory Subtotals

Shore tank Subtotals	Totals	D-1
Gross Standard Volume		
Cu m 60°F	864.616	864.616
Barrels 60°F	5,438.27	5,438.27
US Gallons 60°F	228,407.34	228,407.34
Metric Tons Vac	721.929	721.929
Metric Tons Air	721.001	721.001
Long Tons Air	709.614	709.614
Short Tons Air	794.768	794.768
Pounds Air	1,589,536.00	1,589,536.00
Density 15°C		0.8354
API 60°F		37.80
RD 60/60°		0.8358
Total Calculated Volume		
Barrels 60°F	5,438.27	5,438.27
US Gallons 60°F	228,407.34	228,407.34

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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	864.616	864.616
Barrels 60°F	5,438.27	5,438.27
US Gallons 60°F	228,407.34	228,407.34
Metric Tons vac	721.929	721.929
Metric Tons air	721.001	721.001
Long Tons	709.614	709.614
Short Tons	794.768	794.768
Pounds	1,589,536.00	1,589,536.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	37.80
B/L Density 15°C	0.8354
B/L Density 20°C	0.8318
B/L RD 60/60°F	0.8358

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	1.001287458
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1325791558
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1304852706
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