

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY  
P.O. BOX 4267  
00936 SAN JUAN  
Puerto Rico  
Mr. M. Rios  
JB-TANKINVENTORY-11-22



Job No 13101/00016875.0000/01/1/22  
Report date 01 Dec 2022  
Installation Arroyo, Puerto Rico, PREPA Jobos Turbine Power Block

**Shore tank JB-TANK INVENTORY-11-22 - DAGUAO - ALL TANKS - 11/30/2022 - SAYBOLT - 06534**

**Product Fuel Oil No 2**

Survey date: 30-Nov-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	two
Shore Tank Inventory Report	one
Shore Tank Inventory Subtotals	one
Certificate of Quantity	one

This report consists of 6 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 S-1**

Measurement data (Innage)		Open	Close
Average	FT/IN	22-7-1/8	
Temperature			
Average temp.	°F	86.5	
Measurement Equipment Data			
Water measurement used		Paste	
Water paste used		k/k	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS51140	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9-03415	
Inspector Equipment used for verification?		Yes	
Inspector name		Daviel Borrero	

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**Shore Tank Measurement Details**

**Shore tank S-2**

Measurement data (Innage)		Open	Close
Average	FT/IN	19-9-1/2	
Temperature			
Average temp.	°F	85.6	
Measurement Equipment Data			
Water measurement used		Paste	
Water paste used		k/k	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS51140	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9-03415	
Inspector Equipment used for verification?		Yes	
Inspector name		Daniel Borrero	

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**Shore Tank Inventory Report**

Shore tank measurement		Totals	S-1	S-2
<b>Open measurement</b>				
Date/time of measurement			30 Nov 2022 18:32	30 Nov 2022 19:00
Average Innage	FT/IN		22-7-1/8	19-9-1/2
Average temp.	°F		86.5	85.6
T.O.V.	us gallons	82,514.00		290,328.00
Water	FT/IN		00-01	00-01
Water	us gallons	65.00		1,207.00
Ambient temp.	°F		83.00	83.00
Tank shell temp.	°F		86.00	85.00
CTsh			1.00032	1.00031
G.O.V.	us gallons	82,475.38		289,210.63
API 60°F			37.50	37.50
V.C.F.	6B		0.98744	0.98787
G.S.V.	us gallons 60°F		81,439.49	285,702.51
Table 8	MPMS 11.5.1.4.4		6.971585837	6.971585837
Pounds			567,762.40	1,991,799.57
<b>Subtotals</b>				
G.S.V.	us gallons 60°F	367,142.00	81,439.49	285,702.51
Pounds		2,559,561.97	567,762.40	1,991,799.57

**Remarks**

Tables used: 6B and W.C.F. MPMS 11.5.1.4.4.

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

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**Product** Fuel Oil No 2

Survey date: 30-Nov-2022

**Shore Tank Inventory Subtotals**

Shore tank Subtotals	Totals	S-1	S-2
<b>Gross Standard Volume</b>			
Cu m 60°F	1,389.785	308.283	1,081.502
Barrels 60°F	8,741.48	1,939.04	6,802.44
US gallons 60°F	367,142.00	81,439.49	285,702.51
Metric Tons Vac	1,162.490	257.864	904.626
Metric Tons Air	1,160.998	257.533	903.465
Long Tons Air	1,142.661	253.465	889.196
Short Tons Air	1,279.781	283.881	995.900
Pounds Air	2,559,561.97	567,762.40	1,991,799.57
Density 15°C		0.8369	0.8369
API 60°F		37.50	37.50
RD 60/60°		0.8373	0.8373
<b>Total Calculated Volume</b>			
Barrels 60°F	8,771.77	1,940.59	6,831.18
US gallons 60°F	368,414.00	81,504.49	286,909.51

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**Product** **Fuel Oil No 2**  
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**Certificate of Quantity**

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

	<b>Gross</b>	<b>Net</b>
Cubic meters 60°F	1,389.785	1,389.785
Barrels 60°F	8,741.48	8,741.48
US Gallons 60°F	367,142.00	367,142.00
Metric Tons vac	1,162.490	1,162.490
Metric Tons air	1,160.998	1,160.998
Long Tons	1,142.661	1,142.661
Short Tons	1,279.781	1,279.781
Pounds	2,559,561.97	2,559,561.97

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	37.50
B/L Density 15°C	0.8369
B/L Density 20°C	0.8333
B/L RD 60/60°F	0.8373

**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	1.001284878
Pounds to Metric Tons Air	MPMS 11.5 - Annex D	453.59237
Pounds to Long Tons	MPMS 11.5 - Annex D	2,240
Pounds to Short Tons	MPMS 11.5 - Annex D	2,000

**Remark**

Net via S&W Volume %

Signed by: Saybolt representative  
Name:  
Rank: Saybolt Inspector