

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY  
American International Plaza  
250 Muñoz Rivera Ave, Suite 1200  
00918 SAN JUAN  
Puerto Rico  
Mr. M. Rios  
YB-TANK INVENTORY-8-23 - YABUCOA - ALL TANKS - 8/31/2023



Job No 13101/00017217.0000/01/1/23  
Report date 01 Sep 2023  
Installation Yabucoa, Puerto Rico, PREPA Yabucoa Turbine Power Block

**Shore tank YB-TANK INVENTORY-8-23 - YABUCOA -**  
**Product Fuel Oil NO 2**

Survey date: 31-Aug-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 Inventory Report	one
Shore Tank Measurement Details	two
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 Inventory Report**

Survey date: 31-Aug-2023

Shore tank measurement		Totals	D-1	D-2
<b>Open measurement</b>				
	Date/time of measurement		31 Aug 2023 23:50	31 Aug 2023 23:35
Average Innage	FT/IN	36 04-13/16		22 08-1/8
Average temp.	°F	89.0		88.9
T.O.V.	Barrels	6,189.72		7,906.64
Water	FT/IN			01
Water	Barrels			15.40
Ambient temp.	°F	80.00		80.00
Tank shell temp.	°F	88.00		88.00
CTsh		1.00035		1.00035
G.O.V.	Barrels	6,191.89		7,894.00
API 60°F		36.80		36.80
V.C.F.	6B	0.98635		0.98639
G.S.V.	barrels 60°F	6,107.37		7,786.56
W.C.F.	MPMS 11.5.1.4.12	0.1312616993		0.1312616993
W.C.F.	MPMS 11.5.1.4.15	0.1333680438		0.1333680438
Long Tons		801.664		1,022.077
Metric Tons Air		814.528		1,038.478
<b>Subtotals</b>				
G.S.V.	barrels 60°F	13,893.93	6,107.37	7,786.56
Long Tons		1,823.741	801.664	1,022.077

**Remarks**

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

Net calculation via sediments and water vol% and dens. (ISO 9403:2000(E))

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**Shore tank YB-TANK INVENTORY-8-23 - YABUCOA -**  
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**Shore Tank Measurement Details**

**Shore tank D-1**

Measurement data (Innage)		Open	Close
Average	FT/IN	36 04-13/16	
Temperature			
Average temp.	°F	89.0	
Measurement Equipment Data			
		Open	
Water measurement used		Paste	
Water paste used		KK	
Gauging equipment number		CS-19488	
Temperature equipment number		TP9-02088	
Inspector Equipment used for verification?		Yes	
Inspector name		J.F.	

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**Shore tank YB-TANK INVENTORY-8-23 - YABUCOA -  
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Survey date: 31-Aug-2023

## Shore Tank Measurement Details

### Shore tank D-2

Measurement data (Innage)		Open	Close
Average	FT/IN	22 08-1/8	
Temperature			
Average temp.	°F	88.9	
Measurement Equipment Data			
		Open	
Water measurement used		Paste	
Water paste used		KK	
Gauging equipment number		CS-19488	
Temperature equipment number		TP9-02088	
Inspector Equipment used for verification?		Yes	
Inspector name		J.F.	

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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	2,208.958	2,208.958
Barrels 60°F	13,893.93	13,893.93
US Gallons 60°F	583,545.06	583,545.06
Metric Tons vac	1,855.376	1,855.376
Metric Tons air	1,853.006	1,853.006
Long Tons	1,823.741	1,823.741
Short Tons	2,042.590	2,042.590
Pounds	4,085,180.00	4,085,180.00

These quantities have been determined by Shore tank measurements taken by Manual measurements.

B/L API 60°F	36.80
B/L Density 15°C	0.8403
B/L Density 20°C	0.8368
B/L RD 60/60°F	0.8408

**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	1.001279065
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1333680438
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1312616993
Long Tons to Short Tons	MPMS 11.5 - Annex D	1.12

**Remark**

Net via sediment density and water density

Signed by: Saybolt representative  
 Name:  
 Rank: Saybolt Inspector