

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
P.O. BOX 4267
00936 SAN JUAN
Puerto Rico
Mr. M. Rios
DG-TANK INVENTORY-11-21



Job No 13101/00016411.0000/01/I/21
Report date 02 Dec 2021
Installation Roosevelt Roads, Puerto Rico, PREPA Daguao Turbine Power Block

Shore tank DG-TANK INVENTORY-11-21 - DAGUAO
Product NO 2 FUEL OIL

Survey date: 30-Nov-2021

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

Survey date: 30-Nov-2021

Shore tank S-1

Measurement data (Innage)		Open	Close
Average	FT/IN	20 06 7/8	
Temperature			
Average temp.	°F	82.4	
Measurement Equipment Data			
Water measurement used		Open	
Water paste used		Paste	
Gauging equipment type		KK	
Gauging Equipment used		Saybolt Equipment	
Gauging equipment number		Manual Tape	
Temperature equipment type		CS-51010	
Temperature Equipment used		Saybolt Equipment	
Temperature equipment number		Portable Electronic Thermometer	
Inspector Equipment used for verification?		TP9A-9772	
Inspector name		Yes	
		J.FLORES	

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Shore tank DG-TANK INVENTORY-11-21 - DAGUAO
Product NO 2 FUEL OIL

Shore Tank Inventory Report

Survey date: 30-Nov-2021

Shore tank measurement		Totals	S-1
Open measurement			
Date/time of measurement		30 Nov 2021	21:45
Average Innage	FT/IN	20 06 7/8	
Average temp.	°F	82.4	
T.O.V.	Barrels	7,211.02	
Ambient temp.	°F	77.00	
Tank shell temp.	°F	82.00	
CTsh		1.00027	
G.O.V.	Barrels	7,212.97	
API 60°F		36.70	
V.C.F.	6B	0.98947	
G.S.V.	barrels 60°F	7,137.02	
W.C.F.	MPMS 11.5.1.4.12	0.1313398500	
W.C.F.	MPMS 11.5.1.4.15	0.1334474485	
Long Tons		937.375	
Metric Tons Air		952.417	
Subtotals			
G.S.V.	barrels 60°F	7,137.02	7,137.02
Long Tons		937.375	937.375

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	S-1
Gross Standard Volume		
Cu m 60°F	1,134.696	1,134.696
Barrels 60°F	7,137.02	7,137.02
US gallons 60°F	299,754.84	299,754.84
Metric Tons Vac	953.634	953.634
Metric Tons Air	952.417	952.417
Long Tons Air	937.375	937.375
Short Tons Air	1,049.860	1,049.860
Pounds Air	2,099,720.00	2,099,720.00
Density 15°C		0.8408
API 60°F		36.70
RD 60/60°		0.8413
Total Calculated Volume		
Barrels 60°F	7,137.02	7,137.02
US gallons 60°F	299,754.84	299,754.84

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Survey date: 30 Nov 2021

Certificate of Quantity

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

	Gross	Net
Cubic meters 60°F	1,134.696	1,134.696
Barrels 60°F	7,137.02	7,137.02
US Gallons 60°F	299,754.84	299,754.84
Metric Tons vac	953.634	953.634
Metric Tons air	952.417	952.417
Long Tons	937.375	937.375
Short Tons	1,049.860	1,049.860
Pounds	2,099,720.00	2,099,720.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	36.70
B/L Density 15°C	0.8408
B/L Density 20°C	0.8373
B/L RD 60/60°F	0.8413

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	1.001278214
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1334474485
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.13133985
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