

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
P.O. BOX 4267
00936 SAN JUAN
Puerto Rico
Mr. M. Rios
CAM-TANK-INVENTORY-2-22 / 06068



Job No 13101/00016545.0000/01/I/22
Report date 01 Mar 2022
Installation Arecibo, Puerto Rico, Puerto Electric Power Auth.

Shore tank CAM-TANK INVENTORY-2-22

Product No 2 FUEL OIL

Survey date: 28-Feb-2022

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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:

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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: Jose Flores

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	11-6-7/16	
Temperature			
Average temp.	°F	75.7	
Measurement Equipment Data			
Water measurement used		Open	
Water paste used		Paste	
Gauging equipment type		k/k	
Gauging Equipment used		Saybolt Equipment	
Gauging equipment number		Manual Tape	
Temperature equipment type		CS51010	
Temperature Equipment used		Saybolt Equipment	
Temperature equipment number		Portable Electronic Thermometer	
Inspector Equipment used for verification?		TP9A-9772	
Inspector name		Yes	
		Jose Flores	

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Shore Tank Measurement Details

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Shore tank D-3

Measurement data (Innage)		Open	Close
Average	FT/IN	8-4-3/4	
Temperature			
Average temp.	°F	76.4	
Measurement Equipment Data		Open	
Water measurement used		Paste	
Water paste used		k/k	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS51010	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9A-9772	
Inspector Equipment used for verification?		Yes	
Inspector name		Jose Flores	

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Shore Tank Inventory Report

Shore tank measurement		Totals	D-1	D-3
Open measurement				
Date/time of measurement		28 Feb 2022	20:20	28 Feb 2022 20:40
Average Innage	FT/IN	11-6-7/16		8-4-3/4
Average temp.	°F	75.7		76.4
T.O.V.	us gallons	80,359.90		87,096.12
Water	FT/IN	00-00-1/2		00-04-1/4
Water	us gallons	83.46		574.96
Ambient temp.	°F	74.00		74.00
Tank shell temp.	°F	75.00		76.00
CTsh		0.99988		0.99989
G.O.V.	us gallons	80,266.81		86,511.64
API 60°F		36.40		36.70
V.C.F.	6B	0.99264		0.99230
G.S.V.	us gallons 60°F	79,676.05		85,845.50
Table 8	MPMS 11.5.1.4.4	7.017325890		7.004791998
Pounds		559,112.81		601,329.87
Subtotals				
G.S.V.	us gallons 60°F	165,521.55	79,676.05	85,845.50
Pounds		1,160,442.68	559,112.81	601,329.87

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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Shore Tank Inventory Subtotals

Shore tank Subtotals	Totals	D-1	D-3
Gross Standard Volume			
Cu m 60°F	626.568	301.607	324.961
Barrels 60°F	3,940.99	1,897.05	2,043.94
US gallons 60°F	165,521.55	79,676.05	85,845.50
Metric Tons Vac	527.041	253.933	273.108
Metric Tons Air	526.368	253.609	272.759
Long Tons Air	518.055	249.604	268.451
Short Tons Air	580.221	279.556	300.665
Pounds Air	1,160,442.68	559,112.81	601,329.87
Density 15°C		0.8423	0.8408
API 60°F		36.40	36.70
RD 60/60°		0.8428	0.8413
Total Calculated Volume			
Barrels 60°F	3,956.67	1,899.04	2,057.63
US gallons 60°F	166,179.97	79,759.51	86,420.46

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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	626.568	626.568
Barrels 60°F	3,940.99	3,940.99
US Gallons 60°F	165,521.55	165,521.55
Metric Tons vac	527.041	527.041
Metric Tons air	526.368	526.368
Long Tons	518.055	518.055
Short Tons	580.221	580.221
Pounds	1,160,442.68	1,160,442.68

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	36.55
B/L Density 15°C	0.8416
B/L Density 20°C	0.8381
B/L RD 60/60°F	0.8420

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	1.001276854
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