

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
P.O. BOX 4267
00936 SAN JUAN
Puerto Rico
Mr. M. Rios
MAY-END OF MONTH-5-21



Job No 13101/00015976.0000/01/I/21
Report date 18 May 2021
Installation Mayagüez, Puerto Rico, Puerto Electric Power Auth.

Shore tank MAY-END OF MONTH-5-21-MAYAGUEZ

Product DIESEL OIL

Survey date: 17-May-2021

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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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Shore Tank Inventory Subtotals	one
Certificate of Quantity	one

This report consists of 9 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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Sample Report

Grade	Description	Sealed	Distribution	Amount	Volume
DIESEL OIL	Shore tank D2:Running from shore tank after for retention only	Open	Retain	1	1 quarts
DIESEL OIL	Shore tank D3:Running from shore tank after for retention only	Open	Retain	1	1 quarts
DIESEL OIL	Shore tank D4:Running from shore tank after for retention only	Open	Retain	1	1 quarts
DIESEL OIL	Shore tank D1:Running from shore tank before for retention only	Open	Retain	1	1 quarts
Total Samples				4	

Vessel's samples were taken using vessel's closed sampling system.

Information

Samples drawn by	Saybolt Inspector
Shoretank sampling location	Top of tank
Type / condition of sampling containers	Clean glass bottles/tins
Loadport samples delivered by	Saybolt Inspector
received by	Vessel

Remarks:

Samples retained by Saybolt will be held for 90 days (unless otherwise specified) at the end of which they shall be disposed of.

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Shore Tank Measurement Details

Survey date: 17-May-2021

Shore tank D-1

Measurement data (Innage)		Open	Close
Average	FT/IN	9-4 9/16	

Temperature

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	CS 51009
Temperature equipment type	Saybolt Equipment
Temperature Equipment used	Portable Electronic Thermometer
Temperature equipment number	TP 9-03838
Inspector Equipment used for verification?	Yes
Inspector name	Daviel Borrero

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Shore Tank Measurement Details

Shore tank D-2

Measurement data (Innage)	Open	Close
Average FT/IN	24 01 1/8	

Temperature

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	CS 51009
Temperature equipment type	Saybolt Equipment
Temperature Equipment used	Portable Electronic Thermometer
Temperature equipment number	TP 9-03838
Inspector Equipment used for verification?	Yes
Inspector name	Daviel Borrero

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Shore tank MAY-END OF MONTH-5-21-MAYAGUEZ
Product DIESEL OIL

Shore Tank Measurement Details

Survey date: 17-May-2021

Shore tank D-3

Measurement data (Innage)	Open	Close
Average FT/IN	29 04 1/16	

Temperature

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	CS 51009
Temperature equipment type	Saybolt Equipment
Temperature Equipment used	Portable Electronic Thermometer
Temperature equipment number	TP 9-03838
Inspector Equipment used for verification?	Yes
Inspector name	Daviel Borrero

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Product DIESEL OIL

Shore Tank Measurement Details

Survey date: 17-May-2021

Shore tank D-4

Measurement data (Innage)		Open	Close
Average	FT/IN	14-2 1/2	

Temperature

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	CS 51009
Temperature equipment type	Saybolt Equipment
Temperature Equipment used	Portable Electronic Thermometer
Temperature equipment number	TP 9-03838
Inspector Equipment used for verification?	Yes
Inspector name	Daviel Borrero

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Shore tank MAY-END OF MONTH-5-21-MAYAGUEZ
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Shore Tank Inventory Report

Survey date: 17-May-2021

Shore tank measurement		Totals	D-1	D-2	D-3	D-4
Open measurement						
Date/time of measurement		17 May 2021	21:20	17 May 2021	21:40	17 May 2021 22:10 17 May 2021 22:35
Average Innage	FT/IN	9-4	9/16	24 01	1/8	29 04 1/16 14-2 1/2
Average temp.	°F	85.3		87.3		87.6 81.5
T.O.V.	Barrels	65,216.69		4,128.40		4,981.89 9,389.90
Water	FT/IN		0-4			
Water	Barrels		482.21			
Line content	Barrels					
Floating roof	Barrels					
Ambient temp.	°F		76.00	76.00	76.00	76.00
Tank shell temp.	°F		84.00	86.00	86.00	81.00
CTsh			1.00030	1.00032	1.00032	1.00026
G.O.V.	Barrels	64,753.90		4,129.72		4,983.48 9,392.34
API 60°F			37.00	36.20	36.10	36.30
V.C.F.	6B		0.98808	0.98721	0.98708	0.98993
G.S.V.	barrels 60°F	63,982.03		4,076.90		4,919.09 9,297.76
W.C.F.	MPMS 11.5.1.4.12	0.1311056763		0.1317320012		0.1318107123 0.1316533840
W.C.F.	MPMS 11.5.1.4.15	0.1332095171		0.1338458926		0.1339258667 0.1337660138
Long Tons		8,388.407		537.058		648.389 1,224.082
Metric Tons Air		8,523.015		545.676		658.793 1,243.724
N.S.V.	barrels 60°F					
Net Long Tons						
Subtotals						
G.S.V.	barrels 60°F	82,275.78	63,982.03	4,076.90	4,919.09	9,297.76
Long Tons		10,797.936	8,388.407	537.058	648.389	1,224.082

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	D-1	D-2	D-3	D-4
Gross Standard Volume					
Cu m 60°F	13,080.804	10,172.330	648.175	782.073	1,478.226
Barrels 60°F	82,275.78	63,982.03	4,076.90	4,919.09	9,297.76
US gallons 60°F	3,455,582.76	2,687,245.26	171,229.80	206,601.78	390,505.92
Metric Tons Vac	10,985.243	8,533.931	546.371	659.632	1,245.309
Metric Tons Air	10,971.208	8,523.015	545.676	658.793	1,243.724
Long Tons Air	10,797.936	8,388.407	537.058	648.389	1,224.082
Short Tons Air	12,093.689	9,395.016	601.505	726.196	1,370.972
Pounds Air	24,187,378.00	18,790,032.00	1,203,010.00	1,452,392.00	2,741,944.00
Density 15°C		0.8393	0.8433	0.8438	0.8428
API 60°F		37.00	36.20	36.10	36.30
RD 60/60°		0.8398	0.8438	0.8443	0.8433
Net Standard Volume					
Cu m 60°F	13,080.804				
Barrels 60°F	82,275.78				
US gallons 60°F	3,455,582.76				
Metric Tons Vac	10,985.243				
Metric Tons Air	10,971.208				
Long Tons Air	10,797.936				
Short Tons Air	12,093.689				
Pounds Air	24,187,378.00				
Total Calculated Volume					
Barrels 60°F	82,757.99	64,464.24	4,076.90	4,919.09	9,297.76
US gallons 60°F		2,707,498.08	171,229.80	206,601.78	390,505.92

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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	13,080.804	13,080.804
Barrels 60°F	82,275.78	82,275.78
US Gallons 60°F	3,455,582.76	3,455,582.76
Metric Tons vac	10,985.243	10,985.243
Metric Tons air	10,971.208	10,971.208
Long Tons	10,797.936	10,797.936
Short Tons	12,093.689	12,093.689
Pounds	24,187,378.00	24,187,378.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	36.83
B/L Density 15°C	0.8402
B/L Density 20°C	0.8367
B/L RD 60/60°F	0.8406

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	1.001279235
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1333442408
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1312382723
Long Tons to Short Tons	MPMS 11.5 - Annex D	1.12

Signed by: Saybolt representative
Name:
Rank: Saybolt Inspector