

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY
American International Plaza
250 Muñoz Rivera Ave, Suite 1200
00918 SAN JUAN
Puerto Rico
Mr. M. Rios
CS-TANK INV-2-29-24



Job No 13101/00017443.0000/01/I/24
Report date 01 Mar 2024
Installation Guayanilla, Puerto Rico, Puerto Electric Power Auth.

Shore tank CS-TANK INV-2-29-24 - COSTA SUR
Product NO6, NO2

Contents page

Survey date: 29-Feb-2024, 29-Mar-2024

Saybolt LP - Puerto Rico Branch has performed a survey and the findings of the survey are reflected in the following reports:

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Shore Tank Inventory Subtotals	two
Certificate of Quantity	two

This report consists of 10 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 CS-TANK INV-2-29-24 - COSTA SUR
Product NO2

Survey date: 29-Mar-2024

Shore Tank Measurement Details

Shore tank TG-1

Measurement data (Innage)		Open	Close
Average	FT/IN	28-9 1/4	
Temperature			
Average temp.	°F	82.7	
Measurement Equipment Data		Open	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS-51066	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9A-9772	
Inspector Equipment used for verification?		Yes	
Inspector name		JVelasquez	



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Shore tank CS-TANK INV-2-29-24 - COSTA SUR
Product NO6

Survey date: 29-Feb-2024

Shore Tank Measurement Details

Shore tank R-2

Measurement data (Innage)		Open	Close
Average	FT/IN	5-6 1/8	
Temperature			
Average temp.	°F	85.3	
Measurement Equipment Data			
		Open	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS-51066	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9A-9772	
Inspector name		JVelasquez	

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Product NO6

Survey date: 29-Feb-2024

Shore Tank Measurement Details

Shore tank R-3

Measurement data (Innage)		Open	Close
Average	FT/IN	6-5 5/8	
Temperature			
Average temp.	°F	84.7	
Measurement Equipment Data		Open	
Gauging equipment type		Saybolt Equipment	
Gauging Equipment used		Manual Tape	
Gauging equipment number		CS-51066	
Temperature equipment type		Saybolt Equipment	
Temperature Equipment used		Portable Electronic Thermometer	
Temperature equipment number		TP9A-9772	
Inspector Equipment used for verification?		Yes	
Inspector name		JVelasquez	



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Shore tank CS-TANK INV-2-29-24 - COSTA SUR
Product NO2

Shore Tank Inventory Report

Survey date: 29-Mar-2024

Shore tank measurement		Totals	TG-1
Open measurement			
Date/time of measurement			29 Mar 2024 22:25
Average Innage	FT/IN		28-9 1/4
Average temp.	°F		82.7
T.O.V.	Barrels		4,928.24
Water	FT/IN		0.2-1/4
Water	Barrels		32.07
Ambient temp.	°F		73.00
Tank shell temp.	°F		81.00
CTsh			1.00026
G.O.V.	Barrels		4,897.44
API 60°F			37.30
V.C.F.	6B		0.98927
G.S.V.	barrels 60°F		4,844.89
W.C.F.	MPMS 11.5.1.4.12		0.1308723351
W.C.F.	MPMS 11.5.1.4.15		0.1329724315
Long Tons			634.062
Metric Tons Air			644.237
Subtotals			
G.S.V.	barrels 60°F	4,844.89	4,844.89
Long Tons		634.062	634.062

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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Product NO6

Survey date: 29-Feb-2024

Shore Tank Inventory Report

Shore tank measurement		Totals	R-2	R-3
Open measurement				
Date/time of measurement		29 Feb 2024 23:15	29 Feb 2024 22:45	
Average Innage	FT/IN	5-6 1/8	6-5 5/8	
Average temp.	°F	85.3	84.7	
T.O.V.	Barrels	289,105.51	284,300.71	
Ambient temp.	°F	73.00	73.00	
Tank shell temp.	°F	84.00	83.00	
CTsh		1.00030	1.00029	
G.O.V.	Barrels	289,192.24	284,383.16	
API 60°F		19.40	19.20	
V.C.F.	6B	0.98968	0.98994	
G.S.V.	barrels 60°F	286,207.78	281,522.27	
W.C.F.	MPMS 11.5.1.4.12	0.1464188841	0.1466134515	
W.C.F.	MPMS 11.5.1.4.15	0.1487684545	0.1489661442	
Long Tons		41,906.224	41,274.952	
Metric Tons Air		42,578.689	41,937.287	
Subtotals				
G.S.V.	barrels 60°F	567,730.05	286,207.78	281,522.27
Long Tons		83,181.176	41,906.224	41,274.952

Remarks

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

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Product NO2

Shore Tank Inventory Subtotals

Shore tank Subtotals		Totals	TG-1
Gross Standard Volume			
Barrels 60°F	4,844.89	4,844.89	
US Gallons 60°F	203,485.38	203,485.38	
Metric Tons Vac	645.064	645.064	
Metric Tons Air	644.237	644.237	
Long Tons Air	634.062	634.062	
Short Tons Air	710.149	710.149	
Pounds Air	1,420,298.00	1,420,298.00	
Density 15°C			0.8378
API 60°F			37.30
RD 60/60°			0.8383
Total Calculated Volume			
Barrels 60°F	4,876.96	4,876.96	
US Gallons 60°F	204,832.32	204,832.32	



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Shore tank CS-TANK INV-2-29-24 - COSTA SUR
Product NO6

Survey date: 29-Feb-2024

Shore Tank Inventory Subtotals

Shore tank Subtotals	Totals	R-2	R-3
Gross Standard Volume			
Barrels 60°F	567,730.05	286,207.78	281,522.27
US Gallons 60°F	23,844,662.10	12,020,726.76	11,823,935.34
Metric Tons Vac	84,611.507	42,626.853	41,984.654
Metric Tons Air	84,515.976	42,578.689	41,937.287
Long Tons Air	83,181.176	41,906.224	41,274.952
Short Tons Air	93,162.917	46,934.971	46,227.946
Pounds Air	186,325,834.00	93,869,942.00	92,455,892.00
Density 15°C		0.9372	0.9384
API 60°F		19.40	19.20
RD 60/60°		0.9377	0.9390
Total Calculated Volume			
Barrels 60°F	567,730.05	286,207.78	281,522.27
US Gallons 60°F	23,844,662.10	12,020,726.76	11,823,935.34



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Product NO2

Survey date: 29 Mar 2024

Certificate of Quantity

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

	Gross	Net
Barrels 60°F	4,844.89	4,844.89
US Gallons 60°F	203,485.38	203,485.38
Metric Tons vac	645.064	645.064
Metric Tons air	644.237	644.237
Long Tons	634.062	634.062
Short Tons	710.149	710.149
Pounds	1,420,298.00	1,420,298.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	37.30
B/L Density 15°C	0.8378
B/L Density 20°C	0.8342
B/L RD 60/60°F	0.8383

Criteria used		
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	1.001283335
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1329724315
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1308723351
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



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Certificate of Quantity

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

	Gross	Net
Barrels 60°F	567,730.05	567,730.05
US Gallons 60°F	23,844,662.10	23,844,662.10
Metric Tons vac	84,611.507	84,611.507
Metric Tons air	84,515.976	84,515.976
Long Tons	83,181.176	83,181.176
Short Tons	93,162.917	93,162.917
Pounds	186,325,834.00	186,325,834.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	19.30
B/L Density 15°C	0.9378
B/L Density 20°C	0.9344
B/L RD 60/60°F	0.9383

Criteria used		
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	1.001130309
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1488672338
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1465161033
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

