

PUERTO RICO ELECTRIC (B/R) POWER AUTHORITY  
P.O. BOX 4267  
00936 SAN JUAN  
Puerto Rico  
Mr. M. Rios  
SJ-TANKINVENTORY-2-23



Job No 13101/00016988.0000/01/I/23  
Report date 01 Mar 2023  
Installation San Juan, Puerto Rico, Central San Juan Terminal

**Shore tank SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT - 06702**

**Product Fuel Oil No. 6, Diesel No # 2**

Survey date: 28-Feb-2023, 28-Feb-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	three
Shore Tank Inventory Subtotals	three
Certificate of Quantity	two

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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**Shore tank SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT - 06702**

**Product Diesel No # 2**

**Shore Tank Inventory Report**

Survey date: 28-Feb-2023

Shore tank measurement		Totals	D-5	D-6
<b>Open measurement</b>				
Date/time of measurement			28 Feb 2023 2125	28 Feb 2023 2100
Average Innage	FT/IN		33 09 7/8	35 08 1/4
Average temp.	°F		83.1	81.9
T.O.V.	Barrels		34,907.86	36,836.13
Water	FT/IN		3.300	5.500
Water	Barrels		195.99	392.05
Ambient temp.	°F		78.00	78.00
Tank shell temp.	°F		82.00	81.00
CTsh			0.99996	0.99995
G.O.V.	Barrels		34,710.48	36,442.26
API 60°F			36.10	34.80
V.C.F.	6B		0.98919	0.99016
G.S.V.	barrels 60°F		34,335.26	36,083.67
W.C.F.	MPMS 11.5.1.4.12		0.1318107123	0.1359534310
W.C.F.	MPMS 11.5.1.4.15		0.1339258667	0.1381350633
Long Tons			4,525.755	4,905.699
Metric Tons Air			4,598.379	4,984.420
<b>Subtotals</b>				
G.S.V.	barrels 60°F		<b>70,418.93</b>	36,083.67
Long Tons			9,431.454	4,905.699

**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 SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT - 06702**

**Product Fuel Oil No. 6**

Survey date: 28-Feb-2023

**Shore Tank Inventory Report - 1**

Shore tank measurement		Totals	R-1	R-2	R-4	S-7			
<b>Open measurement</b>									
Date/time of measurement		28 Feb 2023	915	28 Feb 2023	945	28 Feb 2023	2120	28 Feb 2023	2145
Average Innage	FT/IN	25	05 5/8	27	01 3/4	05	04 5/8	03	04 7/8
Average temp.	°F	88.3		89.2		86.0		86.7	
T.O.V.	Barrels	43,847.42		46,755.40		47,150.52		2,367.98	
Ambient temp.	°F	75.00		75.00		78.00		78.00	
Tank shell temp.	°F	87.00		87.00		85.00		86.00	
CTsh		1.00033		1.00033		1.00031		1.00032	
G.O.V.	Barrels	43,861.89		46,770.83		47,165.14		2,368.74	
API 60°F		20.80		19.80		20.80		21.30	
V.C.F.	6B	0.98831		0.98804		0.98926		0.98893	
G.S.V.	barrels 60°F	43,349.14		46,211.45		46,658.59		2,342.52	
W.C.F.	MPMS 11.5.1.4.12	0.1450712204		0.1460312924		0.1450712204		0.1445958967	
W.C.F.	MPMS 11.5.1.4.15	0.1473991650		0.1483746432		0.1473991650		0.1469162139	
Long Tons		6,288.713		6,748.318		6,768.819		338.719	
Metric Tons Air		6,389.627		6,856.607		6,877.437		344.154	
<b>Subtotals</b>									
G.S.V.	barrels 60°F	143,964.69	43,349.14	46,211.45	46,658.59	2,342.52			
Long Tons		20,926.687	6,288.713	6,748.318	6,768.819	338.719			

**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 SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT - 06702**

**Product Fuel Oil No. 6**

Survey date: 28-Feb-2023

**Shore Tank Inventory Report - 2**

Shore tank measurement		S-8	S-9
<b>Open measurement</b>			
Date/time of measurement		28 Feb 2023 2200	28 Feb 2023 2210
Average Innage	FT/IN	03 04	18 05 3/4
Average temp.	°F	87.6	111.6
T.O.V.	Barrels	2,382.82	3,111.56
Ambient temp.	°F	78.00	78.00
Tank shell temp.	°F	86.00	107.00
CTsh		1.00032	1.00058
G.O.V.	Barrels	2,383.58	3,113.36
API 60°F		21.30	21.30
V.C.F.	6B	0.98855	0.97859
G.S.V.	barrels 60°F	2,356.29	3,046.70
W.C.F.	MPMS 11.5.1.4.12	0.1445958967	0.1448807169
W.C.F.	MPMS 11.5.1.4.15	0.1469162139	0.1472056045
Long Tons		340.710	441.408
Metric Tons Air		346.177	448.491
<b>Subtotals</b>			
G.S.V.	barrels 60°F	2,356.29	3,046.70
Long Tons		340.710	441.408

**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** SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT -  
**06702**  
**Product** Diesel No # 2

Survey date: 28-Feb-2023

**Shore Tank Inventory Subtotals**

<b>Shore tank Subtotals</b>	<b>Totals</b>	<b>D-5</b>	<b>D-6</b>
<b>Gross Standard Volume</b>			
Cu m 60°F	11,195.715	5,458.870	5,736.845
Barrels 60°F	70,418.93	34,335.26	36,083.67
US gallons 60°F	2,957,595.06	1,442,080.92	1,515,514.14
Metric Tons Vac	9,594.783	4,604.233	4,990.550
Metric Tons Air	9,582.799	4,598.379	4,984.420
Long Tons Air	9,431.454	4,525.755	4,905.699
Short Tons Air	10,563.229	5,068.846	5,494.383
Pounds Air	21,126,458.00	10,137,692.00	10,988,766.00
Density 15°C		0.8438	0.8703
API 60°F		36.10	31.00
RD 60/60°		0.8443	0.8708
<b>Total Calculated Volume</b>			
Barrels 60°F	71,006.97	34,531.25	36,475.72
US gallons 60°F	2,982,292.74	1,450,312.50	1,531,980.24

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**Shore tank SJ-TANKINVENTORY-2-23 - SAN JUAN - ALL TANKS - 2/28/2023 - SAYBOLT - 06702**

**Product Fuel Oil No. 6**

Survey date: 28-Feb-2023

**Shore Tank Inventory Subtotals - 1**

Shore tank Subtotals	Totals	R-1	R-2	R-4	S-7
<b>Gross Standard Volume</b>					
Cu m 60°F	22,888.558	6,891.963	7,347.034	7,418.123	372.431
Barrels 60°F	143,964.69	43,349.14	46,211.45	46,658.59	2,342.52
US gallons 60°F	6,046,516.98	1,820,663.88	1,940,880.90	1,959,660.78	98,385.84
Metric Tons Vac	21,286.742	6,396.931	6,864.386	6,885.298	344.549
Metric Tons Air	21,262.493	6,389.627	6,856.607	6,877.437	344.154
Long Tons Air	20,926.687	6,288.713	6,748.318	6,768.819	338.719
Short Tons Air	23,437.889	7,043.359	7,558.116	7,581.077	379.365
Pounds Air	46,875,778.00	14,086,718.00	15,116,232.00	15,162,154.00	758,730.00
Density 15°C		0.9286	0.9347	0.9286	0.9255
API 60°F		20.80	19.80	20.80	21.30
RD 60/60°		0.9291	0.9352	0.9291	0.9260
<b>Total Calculated Volume</b>					
Barrels 60°F	143,964.69	43,349.14	46,211.45	46,658.59	2,342.52
US gallons 60°F	6,046,516.98	1,820,663.88	1,940,880.90	1,959,660.78	98,385.84

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**Product Fuel Oil No. 6**

Survey date: 28-Feb-2023

**Shore Tank Inventory Subtotals - 2**

Shore tank Subtotals	S-8	S-9
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**Gross Standard Volume**

Cu m 60°F	374.620	484.387
Barrels 60°F	2,356.29	3,046.70
US gallons 60°F	98,964.18	127,961.40
Metric Tons Vac	346.574	449.004
Metric Tons Air	346.177	448.491
Long Tons Air	340.710	441.408
Short Tons Air	381.595	494.377
Pounds Air	763,190.00	988,754.00
Density 15°C	0.9255	0.9273
API 60°F	21.30	21.00
RD 60/60°	0.9260	0.9279

**Total Calculated Volume**

Barrels 60°F	2,356.29	3,046.70
US gallons 60°F	98,964.18	127,961.40

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**Product Fuel Oil No. 6**

Survey date: 28 Feb 2023

**Certificate of Quantity**

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

	Gross	Net
Cubic meters 60°F	22,888.558	22,888.558
Barrels 60°F	143,964.69	143,964.69
US Gallons 60°F	6,046,516.98	6,046,516.98
Metric Tons vac	21,286.742	21,286.742
Metric Tons air	21,262.493	21,262.493
Long Tons	20,926.687	20,926.687
Short Tons	23,437.889	23,437.889
Pounds	46,875,778.00	46,875,778.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	20.50
B/L Density 15°C	0.9304
B/L Density 20°C	0.9270
B/L RD 60/60°F	0.9309

**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	1.001140505
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1476904607
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.1453579156
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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**Product Diesel No # 2**

Survey date: 28 Feb 2023

**Certificate of Quantity**

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

	Gross	Net
Cubic meters 60°F	11,195.715	11,195.715
Barrels 60°F	70,418.93	70,418.93
US Gallons 60°F	2,957,595.06	2,957,595.06
Metric Tons vac	9,594.783	9,594.783
Metric Tons air	9,582.799	9,582.799
Long Tons	9,431.454	9,431.454
Short Tons	10,563.229	10,563.229
Pounds	21,126,458.00	21,126,458.00

These quantities have been determined by measurement of shore tanks.

B/L API 60°F	33.45
B/L Density 15°C	0.8574
B/L Density 20°C	0.8539
B/L RD 60/60°F	0.8578

**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	1.001250525
Barrels 60°F to Metric Tons Air	MPMS 11.5.1 - 4.15	0.1360805128
Barrels 60°F to Long Tons	MPMS 11.5.1 - 4.12	0.133931329
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