



3800 Highway 225, Pasadena, TX 77503 - USA

## Movement Summary

**Vessel:** Gaz Majestic

**Terminal:** Enterprise Hydrocarbon Terminal

**Location:** Channelview, TX

**Product:** Propane

**Date:** December 12-14, 2019

**File Number:** 120-19-23836

**Your Ref:**

**Vessel on Arrival:**

**Shore Delivered**

**Vessel Received**

**Vessel on Departure:**

**Vessel / Shore difference**

**Percent Difference**

**In Air**

723.063

Active

41,900.219

42,623.282

Active

N/A

**In Vacuo**

724.695

Active

41,993.522

42,718.217

Active

N/A

*Metric Tons*

*Metric Tons*

*Metric Tons*

*Metric Tons*

*Metric Tons*

*Metric Tons*

**Month**

December

**Day**

12

**Time**

11:40

17:42

18:18

19:05

20:00

12

14

20:42

01:18

03:00

December

14

03:15

**Event**

Notice of readiness tendered

Vessel arrived

Vessel secured

Notice of readiness signed and accepted

Cargo hose connected

Commenced loading

Completed loading

Cargo hose disconnected

Vessel released

**Vessel Received**

**In Vacuo**

Barrels at 60°F

522,306.42

Gallons at 60°F

21,936,870

Pounds

92,579,884

Long Tons

41,330.305

Short Tons

46,289.942

Metric Tons

41,993.522

**In Air**

Barrels at 60°F

522,306.42

Gallons at 60°F

21,936,870

Pounds

92,374,187

Long Tons

41,238.476

Short Tons

46,187.093

Metric Tons

41,900.219

**Shore Delivered**

**In Vacuo**

Barrels at 60°F

Active

Gallons at 60°F

Active

Pounds

Active

Long Tons

Active

Short Tons

Active

Metric Tons

Active

**In Air**

Barrels at 60°F

Active

Gallons at 60°F

Active

Pounds

Active

Long Tons

Active

Short Tons

Active

Metric Tons

Active

Cubic Meters at 15°C

82,909.224

Cubic Meters at 20°C

84,154.714

Cubic Meters at 60°F

83,040.096

Liters at 15°C

82,909,224

Liters at 20°C

84,154,714

Liters at 60°F

83,040,096

Average Load rate is 18,262.46 barrels / 1,465.043 MT air per hour

Load Time: 28 hours 36 minutes

**Note:**

No valid VEF data was available onboard the vessel.

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**Please refer to the following certificates for more detailed information.**



3800 Highway 225, Pasadena, TX 77503 - USA

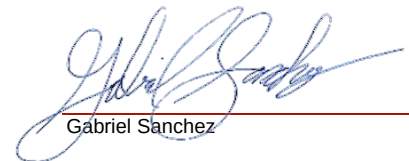
## Propane Certificate of Quantity

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**Vessel:** Gaz Majestic  
**Terminal:** Enterprise Hydrocarbon Terminal  
**Location:** Channelview, TX  
**Product:** Propane  
**Date:** December 12-14, 2019  
**File Number:** 120-19-23836  
**Your Ref:**

|                              |             |
|------------------------------|-------------|
| <b>Total Barrels:</b>        | 522,306.42  |
| <b>Gallons:</b>              | 21,936,870  |
| <b>Pounds:</b>               | 92,579,884  |
| <b>L/Tons/Vac:</b>           | 41,330.305  |
| <b>S/Tons/Vac:</b>           | 46,289.942  |
| <b>M/Tons/Vac:</b>           | 41,993.522  |
| <b>M/Tons/ Air:</b>          | 41,900.219  |
| <b>LBS / Gal./Vac:</b>       | 4.220286881 |
| <b>Density at 15°C:</b>      | 0.5065      |
| <b>Cubic meters at 15°C:</b> | 82,909.224  |
| <b>Liters at 15°C:</b>       | 82,909,224  |
| <b>Cubic meters at 20°C:</b> | 84,154.714  |
| <b>Liters at 20°C:</b>       | 84,154,714  |
| <b>Cubic Meters at 60°F:</b> | 83,040.096  |
| <b>Liters at 60°F:</b>       | 83,040,096  |

Based on vessel figures



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Gabriel Sanchez



# Certificate of Analysis

**Vessel / Object:** GAZ MAJESTIC (9307748)  
**Location:** Channelview, TX / Enterprise Hydrocarbon Terminal (United States)  
**Job Type:** Load  
**Product Grade:** Propane

**Job No:** 120-19-23836  
**Date Sampled:** 12/14/19  
**Date Tested:** 12/15/19  
**Version:** 44 / 15 Dec 2019

**Sample**  
 120-19-23836-018

**Sample ID, Type & Description**  
 Vessel Composite After Load

| <b>Method</b> | <b>Test</b>                                    | <b>Min</b> | <b>Max</b> | <b>Result</b> | <b>Units</b> |
|---------------|------------------------------------------------|------------|------------|---------------|--------------|
| ASTM D2163    | LPG Composition by GC                          |            |            |               |              |
|               | Ethane                                         |            | 2.5        | 1.36          | %vol         |
|               | Propane                                        | 90         |            | 96.74         | %vol         |
|               | Propylene                                      |            | 5          | 0.18          | %vol         |
|               | Butane and Heavier                             |            | 2.5        | 1.72          | %vol         |
| ASTM D1267    | LPG Vapor Pressure @100°F                      |            | 208        | 178.0         | psig         |
| ASTM D1838    | Copper Corrosion Rating (1 hour @ 100°F)       |            | 1          | 1             |              |
| ASTM D1837    | Volatility of LPG's                            |            |            |               |              |
|               | Volatility of Liquefied Petroleum (LP) Gases   |            | -38.3      | -39.2         | °C           |
|               | Volatility of Liquefied Petroleum (LP) Gases   |            | -37        | -38.6         | °F           |
| ASTM D4045    | Sulfur                                         |            | 50         | 6.30          | mg/kg        |
| ASTM D2158    | Residues in LPG, (Oil Stain) (Weathering Test) |            |            |               |              |
|               | Residue on Evaporation                         |            | 0.05       | < 0.05        | ml           |
|               | Oil Stain                                      |            |            | Pass          |              |
| ASTM D5454    | Moisture Content                               |            |            | < 10.0        | ppmv         |
| ASTM D2598    | Specific Gravity at 60/60°F                    |            |            | 0.5065        |              |

  
 Ezekiel Flores  
 LPG/Chemical Lab  
 Houston Technical Center

  
 Reviewed By



3800 Highway 225, Pasadena, TX 77503 - USA

Vessel: Gaz Majestic  
Terminal: Enterprise Hydrocarbon Terminal  
Location: Channelview, TX  
Product: Propane  
Date: December 12-14, 2019  
File Number: 120-19-23836  
Your Ref:

## Ullage Report Before Load

### FINAL CONFIRMED FIGURES

**DRAFT:**

FWD: 6.66 M-CM

AFT: 7.71 M-CM

LIST: 0.00

TRIM: 1.05

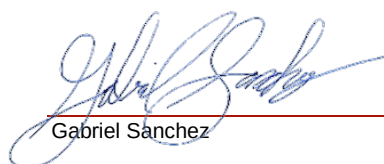
Avg OBQ Molecular Weight: 44.1827

Avg OBQ Density @ 15°C: 0.5063

Avg OBQ Lbs/Gal @ 60°F: 4.218619442

| L<br>I<br>Q<br>U<br>I<br>D | Tank Number      |                | 1P        | 1S        | 2P         | 2S         | 3P         | 3S         | 4P         | 4S         |
|----------------------------|------------------|----------------|-----------|-----------|------------|------------|------------|------------|------------|------------|
|                            | Cargo            |                | Propane   | Propane   | Propane    | Propane    | Propane    | Propane    | Propane    | Propane    |
|                            | Capacity         | M <sup>3</sup> | 9,521.885 | 9,521.885 | 10,813.885 | 10,813.885 | 10,814.973 | 10,814.973 | 10,484.350 | 10,484.350 |
|                            | Liquid Temp.     | °C             | -43.90    | -43.90    | -43.60     | -43.50     | -44.10     | -44.20     | -43.10     | -43.00     |
|                            | Density          | 15°C           | 0.5063    | 0.5063    | 0.5063     | 0.5063     | 0.5063     | 0.5063     | 0.5063     | 0.5063     |
|                            | Innage           | m.cm           | 0.239     | 0.201     | 0.181      | 0.154      | 0.385      | 0.319      | 0.216      | 0.177      |
|                            | Tape Correction  | m.cm           | 0.004     | 0.004     | 0.005      | 0.005      | 0.005      | 0.005      | 0.004      | 0.004      |
|                            | Trim Correction  | m.cm           | -0.001    | -0.001    | 0.006      | 0.006      | 0.006      | 0.006      | 0.000      | 0.000      |
|                            | Float Correction | m.cm           | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |
|                            | Corrected Innage | m.cm           | 0.242     | 0.204     | 0.192      | 0.165      | 0.396      | 0.330      | 0.220      | 0.181      |
|                            | Volume           | M <sup>3</sup> | 92.900    | 78.403    | 99.986     | 86.066     | 206.088    | 171.590    | 104.069    | 85.770     |
|                            | Pressure Factor  |                | 1.0000000 | 1.0000000 | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  |
|                            | Shrink Factor    | at temp        | 0.9978740 | 0.9978740 | 0.9978860  | 0.9978900  | 0.9978660  | 0.9978620  | 0.9978980  | 0.9979000  |
|                            | Corrected Volume | M <sup>3</sup> | 92.702    | 78.236    | 99.775     | 85.884     | 205.648    | 171.223    | 103.850    | 85.590     |
|                            | V.C.F.           |                | 1.15001   | 1.15001   | 1.14932    | 1.14909    | 1.15046    | 1.15069    | 1.14818    | 1.14795    |
| V<br>A<br>P<br>O<br>R      | Volume           | M <sup>3</sup> | 106.608   | 89.972    | 114.673    | 98.688     | 236.590    | 197.025    | 119.238    | 98.253     |
|                            | Density          | Kg/L           | 0.5063    | 0.5063    | 0.5063     | 0.5063     | 0.5063     | 0.5063     | 0.5063     | 0.5063     |
|                            | Total Liquid     | M/T            | 53.976    | 45.553    | 58.059     | 49.966     | 119.785    | 99.754     | 60.370     | 49.746     |
|                            | Vapor Pressure   | Bars           | 0.022     | 0.022     | 0.022      | 0.022      | 0.023      | 0.023      | 0.023      | 0.023      |
|                            | Vapor Temp.      | °C             | -29.40    | -29.45    | -32.60     | -32.55     | -35.45     | -35.45     | -29.50     | -29.40     |
|                            | Molecular Weight |                | 44.1827   | 44.1827   | 44.1827    | 44.1827    | 44.1827    | 44.1827    | 44.1827    | 44.1827    |
|                            | Volume           | M <sup>3</sup> | 9,428.985 | 9,443.482 | 10,713.899 | 10,727.819 | 10,608.885 | 10,643.383 | 10,380.281 | 10,398.580 |
|                            | Pressure Factor  |                | 1.0000000 | 1.0000000 | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  |
|                            | Shrink Factor    | at temp        | 0.9983540 | 0.9983520 | 0.9982480  | 0.9982490  | 0.9981520  | 0.9981520  | 0.9983500  | 0.9983540  |
|                            | Corrected Volume | M <sup>3</sup> | 9,413.465 | 9,427.919 | 10,695.128 | 10,709.035 | 10,589.280 | 10,623.714 | 10,363.154 | 10,381.464 |
|                            | Density          | Kg/L           | 0.0022569 | 0.0022574 | 0.0022869  | 0.0022865  | 0.0023166  | 0.0023166  | 0.0022600  | 0.0022591  |
|                            | Total Vapor      | M/T            | 21.245    | 21.282    | 24.459     | 24.486     | 24.531     | 24.611     | 23.421     | 23.453     |
|                            | Subtotals        | M/T            | 75.221    | 66.835    | 82.518     | 74.452     | 144.316    | 124.364    | 83.791     | 73.198     |

| Before Loading  | Propane | Total   |
|-----------------|---------|---------|
| Metric Tons Vac | 724.695 | 724.695 |
| Metric Tons Air | 723.063 | 723.063 |

  
Gabriel Sanchez



3800 Highway 225, Pasadena, TX 77503 - USA

Vessel: Gaz Majestic  
Terminal: Enterprise Hydrocarbon Terminal  
Location: Channelview, TX  
Product: Propane  
Date: December 12-14, 2019  
File Number: 120-19-23836  
Your Ref:

## Ullage Report After Loading Propane

### FINAL CONFIRMED FIGURES

**DRAFT:**

FWD: 10.65 M-CM

AFT: 11.12 M-CM

LIST: 0.00

TRIM: 0.47

Delivered Molecular Weight: 44.2275

Delivered Density @ 15°C: 0.5065

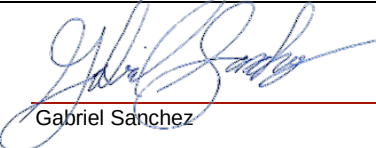
Delivered Lbs/Gal @ 60°F: 4.220286881

|                            |                  |                |           |           |            |            |            |            |            |            |
|----------------------------|------------------|----------------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| L<br>I<br>Q<br>U<br>I<br>D | Tank Number      |                | 1P        | 1S        | 2P         | 2S         | 3P         | 3S         | 4P         | 4S         |
|                            | Cargo            |                | Propane   | Propane   | Propane    | Propane    | Propane    | Propane    | Propane    | Propane    |
|                            | Capacity         | M <sup>3</sup> | 9,521.885 | 9,521.885 | 10,813.885 | 10,813.885 | 10,814.973 | 10,814.973 | 10,484.350 | 10,484.350 |
|                            | Liquid Temp.     | °C             | -40.00    | -40.10    | -40.00     | -40.00     | -40.20     | -40.10     | -39.40     | -39.30     |
|                            | Density          | 15°C           | 0.5065    | 0.5065    | 0.5065     | 0.5065     | 0.5065     | 0.5065     | 0.5065     | 0.5065     |
|                            | Innage           | m.cm           | 15.559    | 15.563    | 15.199     | 15.226     | 15.251     | 15.227     | 15.177     | 15.287     |
|                            | Tape Correction  | m.cm           | 0.001     | 0.001     | 0.001      | 0.001      | 0.001      | 0.001      | 0.001      | 0.001      |
|                            | Trim Correction  | m.cm           | -0.007    | -0.007    | 0.003      | 0.003      | 0.003      | 0.003      | 0.003      | 0.003      |
|                            | Float Correction | m.cm           | 0.000     | 0.000     | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      | 0.000      |
|                            | Corrected Innage | m.cm           | 15.553    | 15.557    | 15.203     | 15.230     | 15.255     | 15.231     | 15.181     | 15.291     |
|                            | Volume           | M <sup>3</sup> | 8,491.391 | 8,493.503 | 9,603.008  | 9,617.972  | 9,632.689  | 9,619.440  | 9,261.256  | 9,322.039  |
|                            | Pressure Factor  |                | 1.0000000 | 1.0000000 | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  |
|                            | Shrink Factor    | at temp        | 0.9980000 | 0.9979970 | 0.9980000  | 0.9980000  | 0.9979940  | 0.9979970  | 0.9980240  | 0.9980280  |
|                            | Corrected Volume | M <sup>3</sup> | 8,474.408 | 8,476.491 | 9,583.802  | 9,598.736  | 9,613.366  | 9,600.172  | 9,242.956  | 9,303.656  |
|                            | V.C.F.           |                | 1.14094   | 1.14117   | 1.14094    | 1.14094    | 1.14140    | 1.14117    | 1.13955    | 1.13932    |
| V<br>A<br>P<br>O<br>R      | Volume           | M <sup>3</sup> | 9,668.791 | 9,673.117 | 10,934.543 | 10,951.582 | 10,972.696 | 10,955.428 | 10,532.811 | 10,599.841 |
|                            | Density          | Kg/L           | 0.5065    | 0.5065    | 0.5065     | 0.5065     | 0.5065     | 0.5065     | 0.5065     | 0.5065     |
|                            | Total Liquid     | M/T            | 4,897.243 | 4,899.434 | 5,538.346  | 5,546.976  | 5,557.670  | 5,548.924  | 5,334.869  | 5,368.820  |
|                            | Vapor Pressure   | Bars           | 0.251     | 0.251     | 0.247      | 0.247      | 0.244      | 0.244      | 0.250      | 0.250      |
|                            | Vapor Temp.      | °C             | -34.35    | -33.75    | -34.75     | -33.90     | -36.65     | -36.15     | -35.00     | -34.15     |
|                            | Molecular Weight |                | 44.2275   | 44.2275   | 44.2275    | 44.2275    | 44.2275    | 44.2275    | 44.2275    | 44.2275    |
|                            | Volume           | M <sup>3</sup> | 1,030.494 | 1,028.382 | 1,210.877  | 1,195.913  | 1,182.284  | 1,195.533  | 1,223.094  | 1,162.311  |
|                            | Pressure Factor  |                | 1.0000000 | 1.0000000 | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  | 1.0000000  |
|                            | Shrink Factor    | at temp        | 0.9981895 | 0.9982100 | 0.9981775  | 0.9982040  | 0.9981140  | 0.9981340  | 0.9981700  | 0.9981955  |
|                            | Corrected Volume | M <sup>3</sup> | 1,028.629 | 1,026.541 | 1,208.670  | 1,193.765  | 1,180.054  | 1,193.302  | 1,220.856  | 1,160.214  |
|                            | Density          | Kg/L           | 0.0028161 | 0.0028091 | 0.0028119  | 0.0028019  | 0.0028278  | 0.0028218  | 0.0028216  | 0.0028115  |
|                            | Total Vapor      | M/T            | 2.897     | 2.884     | 3.399      | 3.345      | 3.337      | 3.367      | 3.445      | 3.262      |
|                            | Subtotals        | M/T            | 4,900.139 | 4,902.318 | 5,541.745  | 5,550.321  | 5,561.007  | 5,552.292  | 5,338.313  | 5,372.082  |
|                            |                  |                |           |           |            |            |            |            |            |            |

|                 |         |         |
|-----------------|---------|---------|
| Before Loading  | Propane | Total   |
| Metric Tons Vac | 724.695 | 724.695 |
| Metric Tons Air | 723.063 | 723.063 |

|                 |            |            |
|-----------------|------------|------------|
| Vessel Received | Propane    | Total      |
| Metric Tons Vac | 41,993.522 | 41,993.522 |
| Metric Tons Air | 41,900.219 | 41,900.219 |

|                 |            |            |
|-----------------|------------|------------|
| After Loading   | Propane    | Total      |
| Metric Tons Vac | 42,718.217 | 42,718.217 |
| Metric Tons Air | 42,623.282 | 42,623.282 |

  
Gabriel Sanchez



3800 Highway 225, Pasadena, TX 77503 - USA

## Time Log

**Vessel:** Gaz Majestic

**Terminal:** Enterprise Hydrocarbon Terminal

**Location:** Channelview, TX

**Product:** Propane

**Date:** December 12-14, 2019

**File Number:** 120-19-23836

**Your Ref:**

| Month    | Day | Time  | Event                                                                           |
|----------|-----|-------|---------------------------------------------------------------------------------|
| December | 11  | 06:30 | <b>End of sea passage.</b>                                                      |
|          | 11  | 07:12 | <b>Vessel anchored.</b>                                                         |
|          | 12  | 11:40 | <b>Notice of readiness tendered.</b>                                            |
|          |     | 12:00 | Anchor aweigh.                                                                  |
|          |     | 13:12 | <b>Pilot boarded vessel.</b>                                                    |
|          |     | 15:00 | Inspector notified.                                                             |
|          |     | 16:20 | Inspector arrived at Enterprise Hydrocarbon Terminal.                           |
|          |     | 17:42 | <b>Vessel arrived at Enterprise Hydrocarbon Terminal, Channelview, TX.</b>      |
|          |     | 17:54 | Gangway down and secured.                                                       |
|          |     | 18:00 | Pilot departed vessel.                                                          |
|          |     | 18:06 | Inspector boarded vessel.                                                       |
|          |     | 18:08 | U.S. Customs boarded vessel.                                                    |
|          |     | 18:08 | U.S. Immigration boarded vessel.                                                |
|          |     | 18:10 | Vessel manifold / strainers and cargo arms visually inspected. (Clean & clear)  |
|          |     | 18:18 | <b>Vessel docked at dock #1.</b>                                                |
|          |     | 18:48 | Vessel granted free pratique.                                                   |
|          |     | 19:00 | U.S. Immigration departed vessel.                                               |
|          |     | 19:00 | U.S. Customs departed vessel.                                                   |
|          |     | 19:05 | <b>Notice of readiness signed and accepted.</b>                                 |
|          |     | 19:48 | Commenced key meeting with chief officer and loading master.                    |
|          |     | 20:00 | Completed key meeting with chief officer and loading master.                    |
|          |     | 20:00 | <b>Cargo arm (1 x 16") connected to starboard side forward vessel manifold.</b> |
|          |     | 20:00 | <b>Cargo arm (1 x 16") connected to starboard side aft vessel manifold.</b>     |
|          |     | 20:01 | Commenced pre-load deck inspection.                                             |
|          |     | 20:12 | Completed pre-load deck inspection.                                             |
|          |     | 20:12 | Commenced pre-load vessel calculations.                                         |
|          |     | 20:42 | <b>Commenced loading of propane.</b>                                            |
|          |     | 21:25 | Completed pre-load vessel calculations.                                         |
|          |     | 23:15 | Inspector departed vessel.                                                      |
|          | 12  | 23:30 | Inspector departed terminal.                                                    |
|          | 13  | 22:00 | Inspector received two hour notice until completion.                            |
|          |     | 23:00 | Inspector returned to Enterprise Hydrocarbon Terminal.                          |
|          | 13  | 23:15 | Inspector boarded vessel.                                                       |
|          | 14  | 01:18 | <b>Completed loading of propane. (Ship stop)</b>                                |
|          |     | 01:18 | Vessel compressors shut down to allow cargo stabilization.                      |
|          |     | 02:18 | Commenced post-load deck inspection.                                            |
|          |     | 02:25 | Completed post-load deck inspection.                                            |
| December | 14  | 02:25 | Commenced post-load vessel calculations.                                        |

  
Gabriel Sanchez



3800 Highway 225, Pasadena, TX 77503 - USA

## Time Log

**Vessel:** Gaz Majestic

**Terminal:** Enterprise Hydrocarbon Terminal

**Location:** Channelview, TX

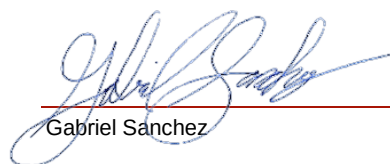
**Product:** Propane

**Date:** December 12-14, 2019

**File Number:** 120-19-23836

**Your Ref:**

| Month    | Day | Time  | Event                                                                                |
|----------|-----|-------|--------------------------------------------------------------------------------------|
| December | 14  | 02:24 | Commenced drawing final samples from all vessel tanks.                               |
|          |     | 03:00 | Completed drawing final samples from all vessel tanks.                               |
|          |     | 03:00 | <b>Cargo arm (1 x 16") disconnected from starboard side aft vessel manifold.</b>     |
|          |     | 03:00 | <b>Cargo arm (1 x 16") disconnected from starboard side forward vessel manifold.</b> |
|          |     | 03:10 | Vessel manifold / strainers and cargo arms visually inspected. (Clean & clear)       |
|          |     | 03:15 | <b>Vessel released to terminal.</b>                                                  |
|          |     | 03:18 | Completed post-load vessel calculations.                                             |
|          |     | 03:30 | All paper work signed and exchanged.                                                 |
|          |     | 03:45 | Inspector departed vessel.                                                           |
|          |     | 04:10 | Inspector departed terminal.                                                         |
|          |     | 04:35 | Samples delivered to AmSpec laboratory.                                              |
|          |     | 06:42 | Pilot set to board vessel.                                                           |
|          |     | 06:42 | Unmooring set to commence.                                                           |
|          |     | 07:00 | Unmooring completed.                                                                 |
|          |     |       |                                                                                      |



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Gabriel Sanchez



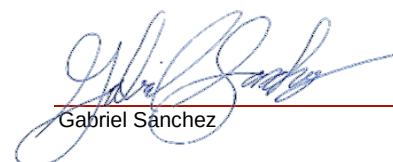
3800 Highway 225, Pasadena, TX 77503 - USA

**Vessel:** Gaz Majestic  
**Terminal:** Enterprise Hydrocarbon Terminal  
**Location:** Channelview, TX  
**Product:** Propane  
**Date:** December 12-14, 2019  
**File Number:** 120-19-23836  
**Your Ref:**

## Sample Distribution

| Quantity     | Location Taken                  | Distribution      | Seal Number |
|--------------|---------------------------------|-------------------|-------------|
| 2 x 500cc    | Vessel tank finals; 1 Port      | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 1 Starboard | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 2 Port      | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 2 Starboard | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 3 Port      | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 3 Starboard | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 4 Port      | AmSpec laboratory | N/A         |
| 2 x 500cc    | Vessel tank finals; 4 Starboard | AmSpec laboratory | N/A         |
| 1 x 5 Gallon | Vessel composite after load     | AmSpec laboratory | N/A         |

Propane and Butane vessel composite samples taken for AmSpec will be retained for 20 days unless otherwise advised

  
Gabriel Sanchez