

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Valores promedio diarios)

| | |
|--------------------------|---|
| PERMISIONARIO: | TERMINAL KMS DE GNL S. DE R.L DE C.V |
| UNTO DE MEDICIÓN: | ESTACION DE MEDICION GUADALAJARA |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocío (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|-----------------------------|------------------|--------------------------------|---------------------------------|---|---|--|--|---------------------|
| 01/08/2017 | 92.8270 | 0.0000 | 0.4244 | 0.4244 | 6.5966 | 207.4549 | 5.1900 | 39.6117 | 51.5586 | 0.0000 | | |
| 02/08/2017 | 90.2822 | 0.0000 | 0.5923 | 0.5923 | 9.0390 | 212.1621 | 3.7565 | 40.1941 | 51.7967 | 0.0000 | | |
| 03/08/2017 | 92.7329 | 0.0000 | 0.3562 | 0.3562 | 6.7588 | 207.6995 | 5.2612 | 39.6844 | 51.6158 | 0.0000 | | |
| 04/08/2017 | 93.7465 | 0.0000 | 0.2569 | 0.2569 | 5.8170 | 205.8681 | 5.8874 | 39.4691 | 51.5448 | 0.0000 | | |
| 05/08/2017 | 94.0130 | 0.0000 | 0.2263 | 0.2263 | 5.5737 | 205.3514 | 5.9829 | 39.4117 | 51.5288 | 0.0000 | | |
| 06/08/2017 | 94.0489 | 0.0000 | 0.2193 | 0.2193 | 5.5439 | 205.3213 | 6.0986 | 39.4098 | 51.5306 | 0.0000 | | |
| 07/08/2017 | - | - | - | - | - | - | - | - | - | - | | |
| 08/08/2017 | 94.0463 | 0.0000 | 0.2210 | 0.2210 | 5.5452 | 205.3392 | 5.7900 | 39.4116 | 51.5312 | 0.0000 | | |
| 09/08/2017 | 94.0247 | 0.0000 | 0.2094 | 0.2094 | 5.5776 | 205.3999 | 5.8091 | 39.4224 | 51.5417 | 0.0000 | | |
| 10/08/2017 | 94.6741 | 0.0000 | 0.1661 | 0.1661 | 4.9353 | 204.1232 | 6.2745 | 39.2776 | 51.4814 | 0.0000 | | |
| 11/08/2017 | 95.5488 | 0.0000 | 0.1207 | 0.1207 | 4.0529 | 202.5418 | 6.5740 | 39.0740 | 51.4093 | 0.0000 | | |
| 12/08/2017 | 95.5725 | 0.0000 | 0.1108 | 0.1108 | 4.0351 | 202.5455 | 6.6710 | 39.0752 | 51.3949 | 0.0000 | | |
| 13/08/2017 | 95.5685 | 0.0000 | 0.1101 | 0.1101 | 4.0398 | 202.5592 | 7.1286 | 39.0749 | 51.3966 | 0.0000 | | |
| 14/08/2017 | 95.5626 | 0.0000 | 0.1068 | 0.1068 | 4.0478 | 202.5987 | 6.6402 | 39.0810 | 51.4006 | 0.0000 | | |
| 15/08/2017 | 95.5738 | 0.0000 | 0.1127 | 0.1127 | 4.0317 | 202.5303 | 6.6540 | 39.0734 | 51.3921 | 0.0000 | | |
| 16/08/2017 | 95.5754 | 0.0000 | 0.1101 | 0.1101 | 4.0327 | 202.5418 | 7.0140 | 39.0719 | 51.3949 | 0.0000 | | |
| 17/08/2017 | 95.5566 | 0.0000 | 0.1033 | 0.1033 | 4.0568 | 202.6248 | 6.6062 | 39.0851 | 51.4044 | 0.0000 | | |
| 18/08/2017 | 95.5374 | 0.0000 | 0.0917 | 0.0917 | 4.0857 | 202.7148 | 6.7322 | 39.0987 | 51.4162 | 0.0000 | | |
| 19/08/2017 | - | - | - | - | - | - | - | - | - | - | | |
| 20/08/2017 | 91.3649 | 0.0000 | 0.6064 | 0.6064 | 7.8970 | 210.2225 | 4.5023 | 39.9036 | 51.6277 | 0.0000 | | |
| 21/08/2017 | 92.3388 | 0.0000 | 0.4766 | 0.4766 | 7.0175 | 208.5294 | 4.9813 | 39.7224 | 51.5918 | 0.0000 | | |
| 22/08/2017 | 92.4816 | 0.0000 | 0.3560 | 0.3560 | 6.9860 | 208.5879 | 3.5510 | 39.7641 | 51.6667 | 0.0000 | | |
| 23/08/2017 | - | - | - | - | - | - | - | - | - | - | | |
| 24/08/2017 | - | - | - | - | - | - | - | - | - | - | | |
| 25/08/2017 | - | - | - | - | - | - | - | - | - | - | | |
| 26/08/2017 | 92.4955 | 0.0000 | 0.2965 | 0.2965 | 7.0296 | 208.7235 | 4.9792 | 39.8005 | 51.7136 | 0.0000 | | |
| 27/08/2017 | 92.4943 | 0.0000 | 0.2881 | 0.2881 | 7.0389 | 208.7449 | 5.0056 | 39.8064 | 51.7194 | 0.0000 | | |
| 28/08/2017 | 93.7913 | 0.0000 | 0.2217 | 0.2217 | 5.7543 | 206.2755 | 5.6218 | 39.5196 | 51.5745 | 0.0000 | | |
| 29/08/2017 | 95.0317 | 0.0000 | 0.1738 | 0.1738 | 4.5124 | 203.9841 | 6.1982 | 39.1928 | 51.4313 | 0.0000 | | |
| 30/08/2017 | 95.0367 | 0.0000 | 0.1645 | 0.1645 | 4.5140 | 204.0333 | 5.9419 | 39.1982 | 51.4380 | 0.0000 | | |
| 31/08/2017 | 95.0655 | 0.0000 | 0.1843 | 0.1843 | 4.4688 | 203.8554 | 6.9138 | 39.1755 | 51.4159 | 0.0000 | | |

* / Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato.

| | | | | | | | | | | | | |
|-------------------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|----------|--------|--|--|
| Mínimo | 90.2822 | 0.0000 | 0.0917 | 0.0917 | 4.0317 | 202.5303 | 3.5510 | 39.0719 | 51.3921 | 0.0000 | | |
| Promedio | 94.0381 | 0.0000 | 0.2425 | 0.2425 | 5.4995 | 205.4744 | 5.8371 | 39.4081 | 51.5199 | 0.0000 | | |
| Máximo | 95.5754 | 0.0000 | 0.6064 | 0.6064 | 9.0390 | 212.1621 | 7.1286 | 40.1941 | 51.7967 | 0.0000 | | |
| Desv. Est. | 1.5055339 | 0 | 0.1471229 | 0.1471229 | 1.7517482 | 2.7783188 | 0.9565972 | 0.3201731 | 0.117914 | 0 | | |

Observaciones: Para los días 04, 06, 07, 12, 17, 18, 19, 22, 23, 24, 25 & 26 se tuvieron suspensiones constantes en el envío, las cuales se dieron con motivo a requisiciones bajo nominación por CFE. Para el resto de los días no se detectaron desviaciones en la calidad química para Valores promedios diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Registros máximos diarios)

| | |
|---------------------------|---|
| PERMISIONARIO: | TERMINAL KMS DE GNL S. DE R.L DE C.V |
| PUNTO DE MEDICIÓN: | ESTACION DE MEDICION GUADALAJARA |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocio (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/08/2017 | 90.6334 | 0.0000 | 0.6455 | 0.6455 | 8.4977 | 212.2231 | 7.7201 | 40.1824 | 51.7886 | 0.0000 |
| 02/08/2017 | 90.1020 | 0.0000 | 0.6049 | 0.6049 | 9.2052 | 212.2449 | 5.6208 | 40.2108 | 51.8071 | 0.0000 |
| 03/08/2017 | 90.8825 | 0.0000 | 0.5382 | 0.5382 | 8.4101 | 211.4722 | 7.1867 | 40.1206 | 51.7692 | 0.0000 |
| 04/08/2017 | 93.5730 | 0.0000 | 0.2738 | 0.2738 | 5.9709 | 206.2237 | 7.3405 | 39.5095 | 51.5606 | 0.0000 |
| 05/08/2017 | 93.7381 | 0.0000 | 0.2372 | 0.2372 | 5.8376 | 205.4971 | 7.9477 | 39.4263 | 51.5373 | 0.0000 |
| 06/08/2017 | 94.0386 | 0.0000 | 0.2233 | 0.2233 | 5.5500 | 205.3473 | 7.0751 | 39.4129 | 51.5361 | 0.0000 |
| 07/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 08/08/2017 | 94.0071 | 0.0000 | 0.2272 | 0.2272 | 5.5770 | 205.4553 | 8.0573 | 39.4296 | 51.5514 | 0.0000 |
| 09/08/2017 | 93.9391 | 0.0000 | 0.2177 | 0.2177 | 5.6543 | 205.4734 | 7.7123 | 39.4336 | 51.5538 | 0.0000 |
| 10/08/2017 | 94.0018 | 0.0000 | 0.2044 | 0.2044 | 5.5301 | 205.5272 | 7.9411 | 39.4399 | 51.5735 | 0.0000 |
| 11/08/2017 | 95.4059 | 0.0000 | 0.1260 | 0.1260 | 4.1873 | 202.8224 | 8.3552 | 39.1071 | 51.8570 | 0.0000 |
| 12/08/2017 | 95.5427 | 0.0000 | 0.1269 | 0.1269 | 4.0474 | 202.6052 | 8.7904 | 39.0829 | 51.4031 | 0.0000 |
| 13/08/2017 | 95.5684 | 0.0000 | 0.1101 | 0.1101 | 4.0398 | 202.6091 | 8.5729 | 39.0826 | 51.4034 | 0.0000 |
| 14/08/2017 | 95.5479 | 0.0000 | 0.1102 | 0.1102 | 4.0579 | 202.6514 | 8.4548 | 39.0864 | 51.4078 | 0.0000 |
| 15/08/2017 | 95.5326 | 0.0000 | 0.1293 | 0.1293 | 4.0543 | 202.6429 | 8.2863 | 39.0858 | 51.4064 | 0.0000 |
| 16/08/2017 | 95.5495 | 0.0000 | 0.1234 | 0.1234 | 4.0441 | 202.6065 | 8.6583 | 39.0813 | 51.4026 | 0.0000 |
| 17/08/2017 | 95.5468 | 0.0000 | 0.1056 | 0.1056 | 4.0639 | 202.6471 | 8.4592 | 39.0886 | 51.4090 | 0.0000 |
| 18/08/2017 | 95.4974 | 0.0000 | 0.1016 | 0.1016 | 4.1148 | 202.7849 | 8.5494 | 39.1054 | 51.4250 | 0.0000 |
| 19/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 20/08/2017 | 90.5548 | 0.0000 | 0.7117 | 0.7117 | 8.5582 | 211.7212 | 5.7603 | 40.0842 | 51.6804 | 0.0000 |
| 21/08/2017 | 92.1815 | 0.0000 | 0.5291 | 0.5291 | 7.1156 | 208.6801 | 6.7775 | 39.7373 | 51.6665 | 0.0000 |
| 22/08/2017 | 92.4816 | 0.0000 | 0.3560 | 0.3560 | 6.9860 | 208.5879 | 3.5510 | 39.7641 | 51.6667 | 0.0000 |
| 23/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 24/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 25/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 26/08/2017 | 92.4564 | 0.0000 | 0.3255 | 0.3255 | 7.0394 | 208.7676 | 6.1085 | 39.8078 | 51.7225 | 0.0000 |
| 27/08/2017 | 92.4510 | 0.0000 | 0.3177 | 0.3177 | 7.0523 | 208.8066 | 6.6489 | 39.8153 | 51.7344 | 0.0000 |
| 28/08/2017 | 92.5338 | 0.0000 | 0.2899 | 0.2899 | 6.9053 | 208.8653 | 7.1215 | 39.8276 | 51.7425 | 0.0000 |
| 29/08/2017 | 94.9290 | 0.0000 | 0.1847 | 0.1847 | 4.6022 | 204.1726 | 7.9481 | 39.2125 | 51.4393 | 0.0000 |
| 30/08/2017 | 95.0223 | 0.0000 | 0.1698 | 0.1698 | 4.5220 | 204.1668 | 7.4112 | 39.2029 | 51.4482 | 0.0000 |
| 31/08/2017 | 95.0017 | 0.0000 | 0.1919 | 0.1919 | 4.5212 | 204.0898 | 7.4880 | 39.2037 | 51.4492 | 0.0000 |
| Máximo | 95.5684 | 0.0000 | 0.7117 | 0.7117 | 9.2052 | 212.2449 | 8.7904 | 40.2108 | 51.8570 | 0.0000 |

Observaciones: Para los días 04, 06, 07, 12, 17, 18, 19, 22, 23, 24, 25 & 26 se tuvieron suspensiones constantes en el envío, las cuales se dieron con motivo a requisiciones bajo nominación por CFE. Para el resto de los días no se detectaron desviaciones en la calidad química para Registros máximos diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Registros mínimos diarios)

PERMISIONARIO: **TERMINAL KMS DE GNL S. DE R.L DE C.V**
PUNTO DE MEDICIÓN: **ESTACION DE MEDICION GUADALAJARA**
ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocio (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/08/2017 | 95.9627 | 0.0000 | 0.0720 | 0.0720 | 3.8763 | 201.0513 | 2.1545 | 38.9498 | 51.3439 | 0.0000 |
| 02/08/2017 | 90.3614 | 0.0000 | 0.5825 | 0.5825 | 8.9710 | 211.9961 | 2.0482 | 40.1484 | 51.7806 | 0.0000 |
| 03/08/2017 | 93.4261 | 0.0000 | 0.2840 | 0.2840 | 6.1896 | 206.2691 | 3.5410 | 39.5130 | 51.5594 | 0.0000 |
| 04/08/2017 | 93.8901 | 0.0000 | 0.2474 | 0.2474 | 5.6872 | 205.4890 | 4.0006 | 39.4295 | 51.5145 | 0.0000 |
| 05/08/2017 | 94.0662 | 0.0000 | 0.2212 | 0.2212 | 5.5278 | 205.2603 | 3.9049 | 39.3994 | 51.5196 | 0.0000 |
| 06/08/2017 | 94.0585 | 0.0000 | 0.2165 | 0.2165 | 5.5373 | 205.3008 | 4.5331 | 39.4060 | 51.5265 | 0.0000 |
| 07/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 08/08/2017 | 94.1307 | 0.0000 | 0.2005 | 0.2005 | 5.4818 | 205.2693 | 3.9489 | 39.4051 | 51.5207 | 0.0000 |
| 09/08/2017 | 94.0585 | 0.0000 | 0.1973 | 0.1973 | 5.5564 | 205.3407 | 3.9722 | 39.4133 | 51.5313 | 0.0000 |
| 10/08/2017 | 95.4332 | 0.0000 | 0.1271 | 0.1271 | 4.2494 | 202.3520 | 4.6672 | 39.0968 | 51.3967 | 0.0000 |
| 11/08/2017 | 95.5978 | 0.0000 | 0.1180 | 0.1180 | 4.0155 | 202.4316 | 4.9316 | 39.0621 | 51.3813 | 0.0000 |
| 12/08/2017 | 95.6150 | 0.0000 | 0.1045 | 0.1045 | 4.0015 | 202.4181 | 5.0355 | 39.0572 | 51.3776 | 0.0000 |
| 13/08/2017 | 95.5685 | 0.0000 | 0.1101 | 0.1101 | 4.0398 | 202.3975 | 5.1644 | 39.0473 | 51.3761 | 0.0000 |
| 14/08/2017 | 95.5759 | 0.0000 | 0.1021 | 0.1021 | 4.0400 | 202.5594 | 4.8486 | 39.0768 | 51.3951 | 0.0000 |
| 15/08/2017 | 95.6268 | 0.0000 | 0.1025 | 0.1025 | 3.9921 | 202.3704 | 5.2827 | 39.0529 | 51.3729 | 0.0000 |
| 16/08/2017 | 95.6234 | 0.0000 | 0.1056 | 0.1056 | 3.9921 | 202.3870 | 5.1855 | 39.0033 | 51.3768 | 0.0000 |
| 17/08/2017 | 95.5679 | 0.0000 | 0.1007 | 0.1007 | 4.0489 | 202.5971 | 5.2942 | 39.0814 | 51.4016 | 0.0000 |
| 18/08/2017 | 95.5684 | 0.0000 | 0.0858 | 0.0858 | 4.0625 | 202.5853 | 5.4722 | 39.0869 | 51.4028 | 0.0000 |
| 19/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 20/08/2017 | 92.5805 | 0.0000 | 0.4747 | 0.4747 | 6.8448 | 208.7295 | 2.4592 | 39.6389 | 51.5659 | 0.0000 |
| 21/08/2017 | 92.4947 | 0.0000 | 0.4099 | 0.4099 | 6.9345 | 208.3204 | 3.3108 | 39.7023 | 51.5537 | 0.0000 |
| 22/08/2017 | 92.4816 | 0.0000 | 0.3560 | 0.3560 | 6.9860 | 208.5879 | 3.5510 | 39.7641 | 51.6667 | 0.0000 |
| 23/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 24/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 25/08/2017 | - | - | - | - | - | - | - | - | - | - |
| 26/08/2017 | 92.5347 | 0.0000 | 0.2879 | 0.2879 | 6.9999 | 208.6481 | 3.5139 | 39.7793 | 51.6976 | 0.0000 |
| 27/08/2017 | 92.5450 | 0.0000 | 0.2788 | 0.2788 | 6.9987 | 208.6084 | 3.1612 | 39.7815 | 51.6889 | 0.0000 |
| 28/08/2017 | 94.8970 | 0.0000 | 0.1666 | 0.1666 | 4.7529 | 204.1878 | 3.4686 | 39.2099 | 51.4198 | 0.0000 |
| 29/08/2017 | 95.0685 | 0.0000 | 0.1684 | 0.1684 | 4.5025 | 203.9352 | 4.4332 | 39.1878 | 51.4249 | 0.0000 |
| 30/08/2017 | 95.0501 | 0.0000 | 0.1599 | 0.1599 | 4.5061 | 203.9861 | 4.3855 | 39.1931 | 51.4327 | 0.0000 |
| 31/08/2017 | 95.1050 | 0.0000 | 0.1583 | 0.1583 | 4.4564 | 203.7843 | 4.9396 | 39.1673 | 51.4057 | 0.0000 |
| Mínimo | 90.3614 | 0.0000 | 0.0720 | 0.0720 | 3.8763 | 201.0513 | 2.0482 | 38.9498 | 51.3439 | 0.0000 |

Observaciones: Para los días 04, 06, 07, 12, 17, 18, 19, 22, 23, 24, 25 & 26 se tuvieron suspensiones constantes en el envío, las cuales se dieron con motivo a requisiciones bajo nominación por CFE. Para el resto de los días no se detectaron desviaciones en la calidad química para Registros mínimos diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Valores promedio diarios)

| | |
|--------------------------|---|
| PERMISIONARIO: | TERMINAL KMS DE GNL S. DE R.L DE C.V |
| UNTO DE MEDICIÓN: | ESTACION DE MEDICION MANZANILLO |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocío (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|-----------------------------|------------------|--------------------------------|---------------------------------|---|---|--|--|---------------------|
| 01/08/2017 | 92.8859 | 0.0000 | 0.3828 | 0.3828 | 6.5720 | 207.4976 | 5.1232 | 39.6257 | 51.5855 | 0.0000 | | |
| 02/08/2017 | 90.4408 | 0.0000 | 0.5282 | 0.5282 | 8.9385 | 212.0952 | 3.1701 | 40.2079 | 51.8321 | 0.0000 | | |
| 03/08/2017 | 92.7895 | 0.0000 | 0.3230 | 0.3230 | 6.7283 | 207.7194 | 5.2513 | 39.6930 | 51.6355 | 0.0000 | | |
| 04/08/2017 | 93.8291 | 0.0000 | 0.2323 | 0.2323 | 5.7499 | 205.8400 | 5.9105 | 39.4650 | 51.5542 | 0.0000 | | |
| 05/08/2017 | 94.0613 | 0.0000 | 0.2047 | 0.2047 | 5.5383 | 205.4297 | 5.8924 | 39.4192 | 51.5430 | 0.0000 | | |
| 06/08/2017 | 94.0927 | 0.0000 | 0.2010 | 0.2010 | 5.5100 | 205.3636 | 6.1001 | 39.4128 | 51.5406 | 0.0000 | | |
| 07/08/2017 | 94.0849 | 0.0000 | 0.1968 | 0.1968 | 5.5216 | 205.4016 | 6.1029 | 39.4179 | 51.5460 | 0.0000 | | |
| 08/08/2017 | 94.0719 | 0.0000 | 0.2033 | 0.2033 | 5.5269 | 205.4119 | 5.8481 | 39.4168 | 51.5421 | 0.0000 | | |
| 09/08/2017 | 94.0655 | 0.0000 | 0.1902 | 0.1902 | 5.5477 | 205.4724 | 6.2233 | 39.4278 | 51.5539 | 0.0000 | | |
| 10/08/2017 | 94.6849 | 0.0000 | 0.1526 | 0.1526 | 4.9279 | 204.2551 | 6.7198 | 39.2842 | 51.4908 | 0.0000 | | |
| 11/08/2017 | 95.5697 | 0.0000 | 0.1126 | 0.1126 | 4.0368 | 202.6840 | 7.4032 | 39.0798 | 51.3965 | 0.0000 | | |
| 12/08/2017 | 95.5917 | 0.0000 | 0.1071 | 0.1071 | 4.0085 | 202.6684 | 7.1889 | 39.0767 | 51.3976 | 0.0000 | | |
| 13/08/2017 | 95.5879 | 0.0000 | 0.1032 | 0.1032 | 4.0154 | 202.6211 | 7.3021 | 39.0806 | 51.4029 | 0.0000 | | |
| 14/08/2017 | 95.5854 | 0.0000 | 0.0998 | 0.0998 | 4.0287 | 202.7433 | 7.4489 | 39.0861 | 51.4068 | 0.0000 | | |
| 15/08/2017 | 95.5960 | 0.0000 | 0.1053 | 0.1053 | 4.0137 | 202.6666 | 7.5044 | 39.0789 | 51.3988 | 0.0000 | | |
| 16/08/2017 | 95.5882 | 0.0000 | 0.1028 | 0.1028 | 4.0160 | 202.6835 | 7.2091 | 39.0807 | 51.4015 | 0.0000 | | |
| 17/08/2017 | 95.5724 | 0.0000 | 0.0966 | 0.0966 | 4.0361 | 202.7647 | 7.2577 | 39.0899 | 51.4101 | 0.0000 | | |
| 18/08/2017 | 95.5507 | 0.0000 | 0.0867 | 0.0867 | 4.0634 | 202.8659 | 7.6899 | 39.1025 | 51.4220 | 0.0000 | | |
| 19/08/2017 | 92.5800 | 0.0000 | 0.4480 | 0.4480 | 6.7892 | 208.2713 | 5.0489 | 39.6776 | 51.5791 | 0.0000 | | |
| 20/08/2017 | 91.3714 | 0.0000 | 0.5530 | 0.5530 | 7.9455 | 210.2448 | 4.2581 | 39.9396 | 51.6709 | 0.0000 | | |
| 21/08/2017 | 92.4239 | 0.0000 | 0.4239 | 0.4239 | 6.9767 | 208.5935 | 4.9384 | 39.7360 | 51.6192 | 0.0000 | | |
| 22/08/2017 | 92.5639 | 0.0000 | 0.3123 | 0.3123 | 6.9387 | 208.6514 | 4.5257 | 39.7734 | 51.6916 | 0.0000 | | |
| 23/08/2017 | 92.5648 | 0.0000 | 0.3021 | 0.3021 | 6.9475 | 208.6655 | 4.8479 | 39.7800 | 51.6979 | 0.0000 | | |
| 24/08/2017 | 92.5877 | 0.0000 | 0.2894 | 0.2894 | 6.9378 | 208.6954 | 5.0051 | 39.7868 | 51.7079 | 0.0000 | | |
| 25/08/2017 | 92.5630 | 0.0000 | 0.2782 | 0.2782 | 6.9785 | 208.7582 | 5.0048 | 39.7983 | 51.7199 | 0.0000 | | |
| 26/08/2017 | 92.5507 | 0.0000 | 0.2639 | 0.2639 | 6.9983 | 208.8169 | 4.9456 | 39.8099 | 51.7331 | 0.0000 | | |
| 27/08/2017 | 92.5512 | 0.0000 | 0.2550 | 0.2550 | 7.0063 | 208.8319 | 4.9895 | 39.8159 | 51.7395 | 0.0000 | | |
| 28/08/2017 | 93.7775 | 0.0000 | 0.1999 | 0.1999 | 5.7811 | 206.5300 | 5.8992 | 39.5208 | 51.5947 | 0.0000 | | |
| 29/08/2017 | 95.0611 | 0.0000 | 0.1538 | 0.1538 | 4.4888 | 204.0812 | 7.0211 | 39.2036 | 51.4464 | 0.0000 | | |
| 30/08/2017 | 95.0643 | 0.0000 | 0.1451 | 0.1451 | 4.4931 | 204.3739 | 6.7762 | 39.2089 | 51.4530 | 0.0000 | | |
| 31/08/2017 | 95.0975 | 0.0000 | 0.1611 | 0.1611 | 4.4468 | 204.0877 | 6.9501 | 39.1835 | 51.4339 | 0.0000 | | |

* / Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediate.

| | | | | | | | | | | | | |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|--|--|
| Mínimo | 90.4408 | 0.0000 | 0.0867 | 0.0867 | 4.0085 | 202.6211 | 3.1701 | 39.0767 | 51.3965 | 0.0000 | | |
| Promedio | 93.8840 | 0.0000 | 0.2327 | 0.2327 | 5.6615 | 205.9608 | 5.9857 | 39.4606 | 51.5531 | 0.0000 | | |
| Máximo | 95.5960 | 0.0000 | 0.5530 | 0.5530 | 8.9385 | 212.0952 | 7.6899 | 40.2079 | 51.8321 | 0.0000 | | |
| Desv. Est. | 1.4464599 | 6.042E-07 | 0.1279709 | 0.1279709 | 1.3832192 | 2.7002081 | 1.1624721 | 0.3184869 | 0.1268134 | 0 | | |

Observaciones: No se detectaron desviaciones en la calidad química para Valores promedios diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Registros máximos diarios)

PERMISIONARIO: **TERMINAL KMS DE GNL S. DE R.L DE C.V**
PUNTO DE MEDICIÓN: **ESTACION DE MEDICION MANZANILLO**
ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocio (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/08/2017 | 90.7226 | 0.0000 | 0.5770 | 0.5770 | 8.4659 | 212.2189 | 8.2861 | 40.1982 | 51.8324 | 0.0000 |
| 02/08/2017 | 90.3701 | 0.0000 | 0.5390 | 0.5390 | 8.9921 | 213.1832 | 4.3648 | 40.2251 | 51.8429 | 0.0000 |
| 03/08/2017 | 90.9769 | 0.0000 | 0.4808 | 0.4808 | 8.3650 | 211.3706 | 6.6996 | 40.1316 | 51.8003 | 0.0000 |
| 04/08/2017 | 93.6243 | 0.0000 | 0.2463 | 0.2463 | 5.9369 | 206.2632 | 6.7324 | 39.5160 | 51.5739 | 0.0000 |
| 05/08/2017 | 93.9910 | 0.0000 | 0.2133 | 0.2133 | 5.5990 | 205.5700 | 6.8444 | 39.4337 | 51.5488 | 0.0000 |
| 06/08/2017 | 94.0775 | 0.0000 | 0.2078 | 0.2078 | 5.5177 | 205.4016 | 7.3980 | 39.4173 | 51.5469 | 0.0000 |
| 07/08/2017 | 94.0682 | 0.0000 | 0.2052 | 0.2052 | 5.5289 | 205.4671 | 7.2806 | 39.4221 | 51.5532 | 0.0000 |
| 08/08/2017 | 93.9984 | 0.0000 | 0.2099 | 0.2099 | 5.5559 | 205.5358 | 6.6077 | 39.4344 | 51.5605 | 0.0000 |
| 09/08/2017 | 94.0358 | 0.0000 | 0.1974 | 0.1974 | 5.5663 | 205.5562 | 7.5155 | 39.4385 | 51.5656 | 0.0000 |
| 10/08/2017 | 94.0290 | 0.0000 | 0.1845 | 0.1845 | 5.5115 | 205.6533 | 7.9173 | 39.4466 | 51.5865 | 0.0000 |
| 11/08/2017 | 95.4216 | 0.0000 | 0.1173 | 0.1173 | 4.1690 | 202.9575 | 8.3494 | 39.1125 | 51.4126 | 0.0000 |
| 12/08/2017 | 95.5519 | 0.0000 | 0.1281 | 0.1281 | 4.0253 | 202.7825 | 8.9078 | 39.0865 | 51.4081 | 0.0000 |
| 13/08/2017 | 95.5522 | 0.0000 | 0.1250 | 0.1250 | 4.0280 | 202.7846 | 8.7296 | 39.0883 | 51.4109 | 0.0000 |
| 14/08/2017 | 95.5637 | 0.0000 | 0.1026 | 0.1026 | 4.0380 | 202.8337 | 8.8950 | 39.0913 | 51.4136 | 0.0000 |
| 15/08/2017 | 95.5491 | 0.0000 | 0.1190 | 0.1190 | 4.0365 | 202.7929 | 8.9132 | 39.0911 | 51.4113 | 0.0000 |
| 16/08/2017 | 95.5624 | 0.0000 | 0.1139 | 0.1139 | 4.0288 | 202.7664 | 8.8472 | 39.0877 | 51.4094 | 0.0000 |
| 17/08/2017 | 95.5635 | 0.0000 | 0.0984 | 0.0984 | 4.0423 | 202.8151 | 8.7179 | 39.0928 | 51.4145 | 0.0000 |
| 18/08/2017 | 95.4658 | 0.0000 | 0.0967 | 0.0967 | 4.0810 | 202.9680 | 8.7654 | 39.1126 | 51.4306 | 0.0000 |
| 19/08/2017 | 90.6185 | 0.0000 | 0.8172 | 0.8172 | 8.2806 | 211.5877 | 8.5113 | 40.0557 | 51.7283 | 0.0000 |
| 20/08/2017 | 90.5480 | 0.0000 | 0.7124 | 0.7124 | 8.5748 | 211.7043 | 5.2708 | 40.1122 | 51.7386 | 0.0000 |
| 21/08/2017 | 92.2602 | 0.0000 | 0.4711 | 0.4711 | 7.0859 | 208.7946 | 6.2690 | 39.7517 | 51.6830 | 0.0000 |
| 22/08/2017 | 92.5418 | 0.0000 | 0.3264 | 0.3264 | 6.9461 | 208.6961 | 6.0499 | 39.7775 | 51.7001 | 0.0000 |
| 23/08/2017 | 92.5395 | 0.0000 | 0.3179 | 0.3179 | 6.9566 | 208.7146 | 5.6413 | 39.7863 | 51.7097 | 0.0000 |
| 24/08/2017 | 92.7709 | 0.0000 | 0.2848 | 0.2848 | 6.7635 | 208.7459 | 6.1608 | 39.7935 | 51.7190 | 0.0000 |
| 25/08/2017 | 92.5421 | 0.0000 | 0.2822 | 0.2822 | 6.9860 | 208.8037 | 6.1655 | 39.8039 | 51.7280 | 0.0000 |
| 26/08/2017 | 92.5226 | 0.0000 | 0.2786 | 0.2786 | 7.0112 | 208.8671 | 5.8253 | 39.8177 | 51.7428 | 0.0000 |
| 27/08/2017 | 92.5108 | 0.0000 | 0.2809 | 0.2809 | 7.0205 | 208.9030 | 6.4546 | 39.8246 | 51.7517 | 0.0000 |
| 28/08/2017 | 92.5906 | 0.0000 | 0.2548 | 0.2548 | 6.8701 | 208.9275 | 7.2027 | 39.8350 | 51.7521 | 0.0000 |
| 29/08/2017 | 94.9606 | 0.0000 | 0.1635 | 0.1635 | 4.5782 | 204.3621 | 8.1113 | 39.2234 | 51.4527 | 0.0000 |
| 30/08/2017 | 95.0518 | 0.0000 | 0.1498 | 0.1498 | 4.4998 | 207.4715 | 8.3526 | 39.2125 | 51.4621 | 0.0000 |
| 31/08/2017 | 95.0348 | 0.0001 | 0.1674 | 0.1674 | 4.4991 | 204.2909 | 7.7861 | 39.2148 | 51.4640 | 0.0000 |
| Máximo | 95.5637 | 0.0001 | 0.8172 | 0.8172 | 8.9921 | 213.1832 | 8.9132 | 40.2251 | 51.8429 | 0.0000 |

Observaciones: No se detectaron desviaciones en la calidad química para Registros máximos diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Registros mínimos diarios)

| | |
|---------------------------|---|
| PERMISIONARIO: | TERMINAL KMS DE GNL S. DE R.L DE C.V |
| PUNTO DE MEDICIÓN: | ESTACION DE MEDICION MANZANILLO |
| ZONA DE MEDICIÓN: | RESTO DEL PAÍS |

| FECHA: (dd/mm/aa) | Metano (% vol) | Bióxido de Carbono (% vol) | Nitrógeno (% vol) | Total Inertes (% vol) | Etano (% vol) | Temperatura de Rocio (K) | Humedad (mg/m ³) | Poder Calorífico (MJ/m ³) | Índice Wobbe (MJ/m ³) | Acido Sulfhídrico (mg/m ³) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|
| 01/08/2017 | 95.9834 | 0.0000 | 0.0690 | 0.0690 | 3.8537 | 201.1923 | 2.1369 | 38.9499 | 51.3493 | 0.0000 |
| 02/08/2017 | 90.6382 | 0.0000 | 0.5082 | 0.5082 | 8.7636 | 211.6122 | 1.9835 | 40.1619 | 51.8130 | 0.0000 |
| 03/08/2017 | 93.4754 | 0.0000 | 0.2593 | 0.2593 | 6.1594 | 206.3511 | 3.4769 | 39.5200 | 51.5763 | 0.0000 |
| 04/08/2017 | 93.9734 | 0.0000 | 0.2172 | 0.2172 | 5.6257 | 205.4968 | 4.5145 | 39.4233 | 51.5180 | 0.0000 |
| 05/08/2017 | 94.1010 | 0.0000 | 0.2002 | 0.2002 | 5.5049 | 205.3203 | 4.5505 | 39.4077 | 51.5324 | 0.0000 |
| 06/08/2017 | 94.1102 | 0.0000 | 0.1965 | 0.1965 | 5.4978 | 205.3205 | 4.9103 | 39.4059 | 51.5312 | 0.0000 |
| 07/08/2017 | 94.1059 | 0.0000 | 0.1909 | 0.1909 | 5.5078 | 205.3255 | 4.7691 | 39.4127 | 51.5357 | 0.0000 |
| 08/08/2017 | 94.1036 | 0.0000 | 0.1855 | 0.1855 | 5.5153 | 205.3381 | 4.8616 | 39.4104 | 51.5329 | 0.0000 |
| 09/08/2017 | 94.0941 | 0.0000 | 0.1789 | 0.1789 | 5.5312 | 205.3866 | 4.7978 | 39.4193 | 51.5439 | 0.0000 |
| 10/08/2017 | 95.4484 | 0.0000 | 0.1184 | 0.1184 | 4.2341 | 202.7892 | 5.0049 | 39.1052 | 51.4057 | 0.0000 |
| 11/08/2017 | 95.7529 | 0.0000 | 0.1110 | 0.1110 | 4.0421 | 202.5802 | 5.7530 | 39.0680 | 51.3882 | 0.0000 |
| 12/08/2017 | 95.6567 | 0.0000 | 0.0984 | 0.0984 | 3.9563 | 202.4263 | 5.8345 | 39.0500 | 51.3672 | 0.0000 |
| 13/08/2017 | 95.6507 | 0.0000 | 0.0967 | 0.0967 | 3.9635 | 201.7132 | 5.9522 | 39.0537 | 51.3813 | 0.0000 |
| 14/08/2017 | 95.7783 | 0.0000 | 0.0962 | 0.0962 | 4.0285 | 202.6654 | 6.0203 | 39.0819 | 51.4029 | 0.0000 |
| 15/08/2017 | 95.8217 | 0.0000 | 0.0965 | 0.0965 | 3.9844 | 202.4815 | 6.1385 | 39.0604 | 51.3792 | 0.0000 |
| 16/08/2017 | 95.6345 | 0.0000 | 0.0986 | 0.0986 | 3.9796 | 202.5116 | 6.0775 | 39.0633 | 51.3861 | 0.0000 |
| 17/08/2017 | 95.5822 | 0.0000 | 0.0945 | 0.0945 | 4.0293 | 202.7023 | 6.1500 | 39.0868 | 51.4054 | 0.0000 |
| 18/08/2017 | 95.5987 | 0.0000 | 0.0808 | 0.0808 | 4.0334 | 202.6576 | 6.2083 | 39.0850 | 51.4032 | 0.0000 |
| 19/08/2017 | 95.4956 | 0.0000 | 0.0847 | 0.0847 | 4.3185 | 202.9081 | 2.2348 | 39.1123 | 51.4289 | 0.0000 |
| 20/08/2017 | 92.2368 | 0.0000 | 0.4812 | 0.4812 | 7.2626 | 208.8103 | 3.0095 | 39.7556 | 51.6013 | 0.0000 |
| 21/08/2017 | 92.5722 | 0.0000 | 0.3561 | 0.3561 | 6.9029 | 208.3949 | 3.6664 | 39.7176 | 51.5917 | 0.0000 |
| 22/08/2017 | 92.5755 | 0.0000 | 0.3060 | 0.3060 | 6.9341 | 208.6070 | 3.6205 | 39.7668 | 51.6783 | 0.0000 |
| 23/08/2017 | 92.5984 | 0.0000 | 0.2941 | 0.2941 | 6.9227 | 208.5719 | 3.6622 | 39.7655 | 51.6779 | 0.0000 |
| 24/08/2017 | 92.5835 | 0.0000 | 0.2831 | 0.2831 | 6.9481 | 208.6612 | 3.7280 | 39.7836 | 51.7015 | 0.0000 |
| 25/08/2017 | 92.7052 | 0.0000 | 0.2717 | 0.2717 | 6.9836 | 208.7326 | 3.6982 | 39.7950 | 51.7126 | 0.0000 |
| 26/08/2017 | 92.5781 | 0.0000 | 0.2560 | 0.2560 | 6.9795 | 208.7240 | 3.5874 | 39.7978 | 51.7173 | 0.0000 |
| 27/08/2017 | 92.5950 | 0.0000 | 0.2468 | 0.2468 | 6.9719 | 208.6742 | 3.7039 | 39.7942 | 51.7090 | 0.0000 |
| 28/08/2017 | 94.9290 | 0.0000 | 0.1485 | 0.1485 | 4.7307 | 204.4166 | 3.6332 | 39.2239 | 51.4428 | 0.0000 |
| 29/08/2017 | 95.0836 | 0.0000 | 0.1496 | 0.1496 | 4.4759 | 203.2076 | 5.7497 | 39.1977 | 51.4397 | 0.0000 |
| 30/08/2017 | 95.0745 | 0.0000 | 0.1412 | 0.1412 | 4.4879 | 204.1377 | 5.7320 | 39.2052 | 51.4480 | 0.0000 |
| 31/08/2017 | 95.1345 | 0.0000 | 0.1386 | 0.1386 | 4.4338 | 203.9728 | 6.1115 | 39.0805 | 51.4218 | 0.0000 |
| Mínimo | 90.6382 | 0.0000 | 0.0690 | 0.0690 | 3.8537 | 201.1923 | 1.9835 | 38.9499 | 51.3493 | 0.0000 |

Observaciones: No se detectaron desviaciones en la calidad química para Registros mínimos diarios, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.