

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio 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 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/07/2016 | 91.7838 | 0.0000 | 0.3567 | 0.3567 | 7.7083 | 209.9561 | 4.4418 | 39.9558 | 51.7701 | 0.0000 | 0.0000 | 0.0000 |
| 02/07/2016 | 92.0802 | 0.0000 | 0.3164 | 0.3164 | 7.4466 | 209.4550 | 4.5144 | 39.8998 | 51.7574 | 0.0000 | | |
| 03/07/2016 | 92.1576 | 0.0000 | 0.3030 | 0.3030 | 7.3807 | 209.3352 | 4.7876 | 39.8869 | 51.7573 | 0.0000 | | |
| 04/07/2016 | 92.1927 | 0.0000 | 0.2947 | 0.2947 | 7.3533 | 209.2858 | 4.9061 | 39.8826 | 51.7591 | 0.0000 | | |
| 05/07/2016 | 92.1859 | 0.0000 | 0.2835 | 0.2835 | 7.3710 | 209.3290 | 4.4497 | 39.8710 | 51.7691 | 0.0000 | | |
| 06/07/2016 | 91.0395 | 0.0000 | 0.3851 | 0.3851 | 8.4410 | 211.4411 | 3.8421 | 40.1451 | 51.8658 | 0.0000 | | |
| 07/07/2016 | 90.3451 | 0.0000 | 0.4326 | 0.4326 | 9.1040 | 212.6567 | 3.7749 | 40.3052 | 51.9297 | 0.0000 | | |
| 08/07/2016 | 90.9650 | 0.0000 | 0.3496 | 0.3496 | 8.5521 | 211.6631 | 4.2767 | 40.1898 | 51.9040 | 0.0000 | | |
| 09/07/2016 | 91.0366 | 0.0000 | 0.3263 | 0.3263 | 8.5017 | 211.5889 | 4.3038 | 40.1854 | 51.9118 | 0.0000 | | |
| 10/07/2016 | 90.3578 | 0.0000 | 0.4528 | 0.4528 | 9.0735 | 212.6637 | 3.8643 | 40.2896 | 51.9141 | 0.0000 | | |
| 11/07/2016 | 90.1134 | 0.0000 | 0.4684 | 0.4684 | 9.3085 | 213.0588 | 3.9285 | 40.3477 | 51.9026 | 0.0000 | | |
| 12/07/2016 | 90.1760 | 0.0000 | 0.4428 | 0.4428 | 9.2692 | 212.9766 | 3.7379 | 40.3473 | 51.9490 | 0.0000 | | |
| 13/07/2016 | 90.1747 | 0.0000 | 0.4336 | 0.4336 | 9.2794 | 213.0129 | 3.5582 | 40.3539 | 51.9570 | 0.0000 | | |
| 14/07/2016 | 90.2349 | 0.0000 | 0.4150 | 0.4150 | 9.2362 | 212.9396 | 3.8219 | 40.3516 | 51.9630 | 0.0000 | | |
| 15/07/2016 | 90.1973 | 0.0000 | 0.4612 | 0.4612 | 9.2301 | 212.8919 | 3.7615 | 40.3288 | 51.9295 | 0.0000 | | |
| 16/07/2016 | 90.0288 | 0.0000 | 0.4819 | 0.4819 | 9.3837 | 213.1496 | 3.2967 | 40.3613 | 51.9376 | 0.0000 | | |
| 17/07/2016 | 90.0682 | 0.0000 | 0.4639 | 0.4639 | 9.3612 | 213.1201 | 3.7692 | 40.3624 | 51.9481 | 0.0000 | | |
| 18/07/2016 | 90.0682 | 0.0000 | 0.4639 | 0.4639 | 9.3612 | 213.1201 | 3.7692 | 40.3624 | 51.9481 | 0.0000 | | |
| 19/07/2016 | 90.3209 | 0.0000 | 0.3897 | 0.3897 | 9.1746 | 215.0130 | 3.8085 | 40.3419 | 51.9705 | 0.0000 | | |
| 20/07/2016 | 90.3304 | 0.0000 | 0.3749 | 0.3749 | 9.1793 | 214.2199 | 4.0470 | 40.3511 | 51.9818 | 0.0000 | | |
| 21/07/2016 | 90.1140 | 0.0000 | 0.4682 | 0.4682 | 9.3086 | 213.0275 | 3.7954 | 40.3612 | 51.9394 | 0.0000 | | |
| 22/07/2016 | 89.9124 | 0.0000 | 0.5313 | 0.5313 | 9.4524 | 214.1357 | 3.8370 | 40.3634 | 51.9183 | 0.0000 | | |
| 23/07/2016 | 89.9379 | 0.0000 | 0.5090 | 0.5090 | 9.4484 | 213.2664 | 3.8757 | 40.3693 | 51.9319 | 0.0000 | | |
| 24/07/2016 | 89.9832 | 0.0000 | 0.4868 | 0.4868 | 9.4239 | 213.2431 | 3.8685 | 40.3719 | 51.9441 | 0.0000 | | |
| 25/07/2016 | 90.1155 | 0.0000 | 0.4301 | 0.4301 | 9.3445 | 213.1188 | 3.8989 | 40.3725 | 51.9687 | 0.0000 | | |
| 26/07/2016 | 90.1344 | 0.0000 | 0.4114 | 0.4114 | 9.3434 | 213.6093 | 4.2622 | 40.3797 | 51.9807 | 0.0000 | | |
| 27/07/2016 | 90.1345 | 0.0000 | 0.3967 | 0.3967 | 9.3579 | 214.1483 | 4.2578 | 40.3897 | 51.9935 | 0.0000 | | |
| 28/07/2016 | 90.1312 | 0.0000 | 0.3829 | 0.3829 | 9.3746 | 213.2119 | 4.4511 | 40.4010 | 52.0056 | 0.0000 | | |
| 29/07/2016 | 89.9896 | 0.0000 | 0.4774 | 0.4774 | 9.4259 | 213.2616 | 4.2018 | 40.3762 | 51.8645 | 0.0000 | | |
| 30/07/2016 | 89.9242 | 0.0000 | 0.5006 | 0.5006 | 9.4700 | 213.3265 | 3.4793 | 40.3789 | 51.9408 | 0.0000 | | |
| 31/07/2016 | 89.9462 | 0.0000 | 0.4824 | 0.4824 | 9.4661 | 213.3451 | 4.0583 | 40.3878 | 51.9540 | 0.0000 | | |

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

| | | | | | | | | | | | | |
|------------------|------------|--------|------------|------------|------------|------------|------------|------------|------------|--------|--|--|
| Mínimo | 89.9124 | 0.0000 | 0.2835 | 0.2835 | 7.3533 | 209.2858 | 3.2967 | 39.8710 | 51.7573 | 0.0000 | | |
| Promedio | 90.5219 | 0.0000 | 0.4185 | 0.4185 | 8.9397 | 212.5346 | 4.0208 | 40.2668 | 51.9118 | 0.0000 | | |
| Máximo | 92.1927 | 0.0000 | 0.5313 | 0.5313 | 9.4700 | 215.0130 | 4.9061 | 40.4010 | 52.0056 | 0.0000 | | |
| Dev. Est. | 0.75564983 | 0 | 0.06761789 | 0.06761789 | 0.71564835 | 1.54200209 | 0.37039094 | 0.17482437 | 0.07363284 | 0 | | |

Observaciones: No se detectaron desviaciones en la calidad química, 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)



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|---------------------------|---|
| 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/07/2016 | 91.3321 | 0.0000 | 0.3972 | 0.3972 | 8.1173 | 210.8427 | 5.6504 | 40.0678 | 51.8173 | 0.0000 |
| 02/07/2016 | 92.0135 | 0.0000 | 0.3427 | 0.3427 | 7.4860 | 209.5012 | 6.1486 | 39.9040 | 51.7684 | 0.0000 |
| 03/07/2016 | 92.1181 | 0.0000 | 0.3065 | 0.3065 | 7.4162 | 209.4205 | 6.1666 | 39.8980 | 51.7724 | 0.0000 |
| 04/07/2016 | 92.1641 | 0.0000 | 0.3016 | 0.3016 | 7.3741 | 209.3504 | 7.1358 | 39.8915 | 51.7664 | 0.0000 |
| 05/07/2016 | 92.1490 | 0.0000 | 0.2912 | 0.2912 | 7.3998 | 209.4328 | 5.5030 | 39.8971 | 51.7758 | 0.0000 |
| 06/07/2016 | 90.2697 | 0.0000 | 0.4750 | 0.4750 | 9.0986 | 213.0353 | 5.5322 | 40.3427 | 51.9364 | 0.0000 |
| 07/07/2016 | 90.0978 | 0.0000 | 0.4618 | 0.4618 | 9.3148 | 212.9939 | 5.3337 | 40.3393 | 51.9398 | 0.0000 |
| 08/07/2016 | 90.7290 | 0.0000 | 0.4189 | 0.4189 | 8.7169 | 211.9159 | 6.3444 | 40.2300 | 51.9144 | 0.0000 |
| 09/07/2016 | 91.0239 | 0.0000 | 0.3315 | 0.3315 | 8.5090 | 211.6209 | 6.1182 | 40.1897 | 51.9182 | 0.0000 |
| 10/07/2016 | 89.9432 | 0.0000 | 0.5501 | 0.5501 | 9.3727 | 213.3379 | 5.2818 | 40.3705 | 51.9493 | 0.0000 |
| 11/07/2016 | 89.9163 | 0.0000 | 0.5259 | 0.5259 | 9.4444 | 213.3180 | 5.6032 | 40.3716 | 51.9461 | 0.0000 |
| 12/07/2016 | 90.0939 | 0.0000 | 0.4726 | 0.4726 | 9.3205 | 213.0104 | 6.0676 | 40.3520 | 51.9543 | 0.0000 |
| 13/07/2016 | 90.1668 | 0.0000 | 0.4386 | 0.4386 | 9.2818 | 213.0360 | 5.7399 | 40.3562 | 51.9608 | 0.0000 |
| 14/07/2016 | 90.1944 | 0.0000 | 0.4266 | 0.4266 | 9.2606 | 213.0145 | 6.2953 | 40.3655 | 51.9712 | 0.0000 |
| 15/07/2016 | 89.9997 | 0.0000 | 0.5343 | 0.5343 | 9.3434 | 213.1732 | 5.8141 | 40.3559 | 51.9744 | 0.0000 |
| 16/07/2016 | 90.0160 | 0.0000 | 0.4937 | 0.4937 | 9.3844 | 213.1613 | 4.8172 | 40.3642 | 51.9454 | 0.0000 |
| 17/07/2016 | 90.0378 | 0.0000 | 0.4811 | 0.4811 | 9.3737 | 213.1481 | 8.1039 | 40.3640 | 51.9529 | 0.0000 |
| 18/07/2016 | 90.0783 | 0.0000 | 0.4625 | 0.4625 | 9.3483 | 213.0988 | 5.7862 | 40.3638 | 51.9622 | 0.0000 |
| 19/07/2016 | 90.2377 | 0.0000 | 0.4125 | 0.4125 | 9.2346 | 242.5739 | 5.9486 | 40.3518 | 51.9813 | 0.0000 |
| 20/07/2016 | 90.3153 | 0.0000 | 0.3802 | 0.3802 | 9.1890 | 246.1978 | 5.8802 | 40.3857 | 51.9963 | 0.0000 |
| 21/07/2016 | 89.9065 | 0.0000 | 0.5776 | 0.5776 | 9.4007 | 213.2735 | 5.7956 | 40.6503 | 52.0099 | 0.0000 |
| 22/07/2016 | 89.8933 | 0.0000 | 0.5409 | 0.5409 | 9.4616 | 233.7103 | 5.6536 | 40.3672 | 51.9243 | 0.0000 |
| 23/07/2016 | 89.9206 | 0.0000 | 0.5207 | 0.5207 | 9.4533 | 213.2883 | 5.7582 | 40.3718 | 51.9621 | 0.0000 |
| 24/07/2016 | 89.9634 | 0.0000 | 0.4983 | 0.4983 | 9.4313 | 213.2668 | 5.7143 | 40.3745 | 51.9548 | 0.0000 |
| 25/07/2016 | 90.0298 | 0.0000 | 0.4633 | 0.4633 | 9.3963 | 213.2371 | 6.1590 | 40.3796 | 51.9763 | 0.0000 |
| 26/07/2016 | 90.1117 | 0.0000 | 0.4200 | 0.4200 | 9.3573 | 224.6108 | 6.0618 | 40.3865 | 51.9920 | 0.0000 |
| 27/07/2016 | 90.1207 | 0.0000 | 0.4040 | 0.4040 | 9.3642 | 236.6932 | 6.0965 | 40.3939 | 52.0020 | 0.0000 |
| 28/07/2016 | 90.1081 | 0.0000 | 0.3922 | 0.3922 | 9.3883 | 213.2502 | 6.0570 | 40.4325 | 52.0135 | 0.0000 |
| 29/07/2016 | 89.9160 | 0.0000 | 0.5331 | 0.5331 | 9.4395 | 213.3337 | 5.9164 | 40.4136 | 52.0370 | 0.0000 |
| 30/07/2016 | 89.9045 | 0.0000 | 0.5165 | 0.5165 | 9.4737 | 213.3575 | 5.2930 | 40.3846 | 51.9514 | 0.0000 |
| 31/07/2016 | 89.9150 | 0.0000 | 0.4916 | 0.4916 | 9.4881 | 213.3877 | 5.9787 | 40.3952 | 51.9680 | 0.0000 |
| Máximo | 92.1641 | 0.0000 | 0.5776 | 0.5776 | 9.4881 | 246.1978 | 8.1039 | 40.6503 | 52.0370 | 0.0000 |

Observaciones: No se detectaron desviaciones en la calidad química, 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)



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| 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/07/2016 | 91.9478 | 0.0000 | 0.3457 | 0.3457 | 7.5641 | 209.5658 | 3.1113 | 39.9057 | 51.7458 | 0.0000 |
| 02/07/2016 | 92.1036 | 0.0000 | 0.3062 | 0.3062 | 7.4353 | 209.4221 | 2.8850 | 39.8968 | 51.7393 | 0.0000 |
| 03/07/2016 | 92.1758 | 0.0000 | 0.2987 | 0.2987 | 7.3674 | 209.2856 | 2.6128 | 39.8827 | 51.7460 | 0.0000 |
| 04/07/2016 | 92.2104 | 0.0000 | 0.2903 | 0.2903 | 7.3404 | 209.2362 | 3.0473 | 39.8750 | 51.7517 | 0.0000 |
| 05/07/2016 | 92.2066 | 0.0000 | 0.2775 | 0.2775 | 7.3567 | 209.2842 | 3.2792 | 39.3887 | 51.7570 | 0.0000 |
| 06/07/2016 | 92.0967 | 0.0000 | 0.2620 | 0.2620 | 7.5254 | 209.2993 | 1.4565 | 39.8890 | 51.7698 | 0.0000 |
| 07/07/2016 | 90.6715 | 0.0000 | 0.3880 | 0.3880 | 8.8260 | 212.0682 | 2.1324 | 40.2358 | 51.9109 | 0.0000 |
| 08/07/2016 | 91.0226 | 0.0000 | 0.3304 | 0.3304 | 8.5195 | 211.5591 | 2.6268 | 40.1773 | 51.8667 | 0.0000 |
| 09/07/2016 | 91.0488 | 0.0000 | 0.3213 | 0.3213 | 8.4947 | 211.5501 | 2.7736 | 40.1808 | 51.9054 | 0.0000 |
| 10/07/2016 | 90.9841 | 0.0000 | 0.3054 | 0.3054 | 8.6077 | 211.6028 | 2.4306 | 40.1837 | 51.8986 | 0.0000 |
| 11/07/2016 | 90.2800 | 0.0000 | 0.4449 | 0.4449 | 9.1725 | 212.9234 | 2.1537 | 40.2998 | 51.0943 | 0.0000 |
| 12/07/2016 | 90.1998 | 0.0000 | 0.4331 | 0.4331 | 9.2581 | 212.9270 | 1.7825 | 40.3428 | 51.9401 | 0.0000 |
| 13/07/2016 | 90.1911 | 0.0000 | 0.4275 | 0.4275 | 9.2694 | 212.9975 | 1.5077 | 40.3485 | 51.9514 | 0.0000 |
| 14/07/2016 | 90.3937 | 0.0000 | 0.3878 | 0.3878 | 9.1056 | 212.6423 | 2.2836 | 40.3194 | 51.9544 | 0.0000 |
| 15/07/2016 | 90.5550 | 0.0000 | 0.3325 | 0.3325 | 9.0082 | 212.4269 | 1.9787 | 40.2965 | 51.8990 | 0.0000 |
| 16/07/2016 | 90.0449 | 0.0000 | 0.4737 | 0.4737 | 9.3760 | 213.1329 | 1.6422 | 40.3538 | 51.9319 | 0.0000 |
| 17/07/2016 | 90.0849 | 0.0000 | 0.4554 | 0.4554 | 9.3541 | 213.0974 | 1.9776 | 40.3603 | 51.9432 | 0.0000 |
| 18/07/2016 | 90.1852 | 0.0000 | 0.4232 | 0.4232 | 9.2847 | 212.7707 | 2.0071 | 40.3551 | 51.9440 | 0.0000 |
| 19/07/2016 | 90.3494 | 0.0000 | 0.3825 | 0.3825 | 9.1560 | 212.7727 | 1.7043 | 40.3341 | 51.9622 | 0.0000 |
| 20/07/2016 | 90.3456 | 0.0000 | 0.3697 | 0.3697 | 9.1696 | 212.6320 | 2.1120 | 40.3452 | 51.9737 | 0.0000 |
| 21/07/2016 | 90.3261 | 0.0000 | 0.3566 | 0.3566 | 9.2145 | 212.3259 | 1.9591 | 40.3402 | 51.8820 | 0.0000 |
| 22/07/2016 | 90.0933 | 0.0000 | 0.5233 | 0.5233 | 9.2796 | 213.2705 | 1.7369 | 40.3569 | 51.9100 | 0.0000 |
| 23/07/2016 | 89.9597 | 0.0000 | 0.4973 | 0.4973 | 9.4389 | 213.2368 | 2.1510 | 40.3666 | 51.9192 | 0.0000 |
| 24/07/2016 | 90.0116 | 0.0000 | 0.4696 | 0.4696 | 9.4133 | 213.2285 | 2.0681 | 40.3690 | 51.9341 | 0.0000 |
| 25/07/2016 | 90.1377 | 0.0000 | 0.4204 | 0.4204 | 9.3344 | 213.0714 | 2.4591 | 40.3690 | 51.9575 | 0.0000 |
| 26/07/2016 | 90.1577 | 0.0000 | 0.4060 | 0.4060 | 9.3257 | 213.0868 | 2.1516 | 40.3730 | 51.9728 | 0.0000 |
| 27/07/2016 | 90.1464 | 0.0000 | 0.3896 | 0.3896 | 9.3534 | 213.1433 | 2.1002 | 40.3848 | 51.9790 | 0.0000 |
| 28/07/2016 | 90.1483 | 0.0000 | 0.3759 | 0.3759 | 9.3648 | 213.1782 | 3.1278 | 40.3921 | 51.9985 | 0.0000 |
| 29/07/2016 | 90.1288 | 0.0000 | 0.3656 | 0.3656 | 9.4006 | 213.2148 | 2.1581 | 40.3568 | 51.0108 | 0.0000 |
| 30/07/2016 | 89.9429 | 0.0000 | 0.4873 | 0.4873 | 9.4653 | 213.2922 | 1.3023 | 40.3707 | 51.9255 | 0.0000 |
| 31/07/2016 | 90.2142 | 0.0000 | 0.4741 | 0.4741 | 9.2063 | 213.2986 | 1.9177 | 40.3822 | 51.9400 | 0.0000 |
| Mínimo | 89.9429 | 0.0000 | 0.2620 | 0.2620 | 7.3404 | 209.2362 | 1.3023 | 39.3887 | 51.0108 | 0.0000 |

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