

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 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|---|---------------------------------------|---------------------|
| 01/08/2020 | 93.5389 | 0.0000 | 0.0177 | 0.0177 | 4.4858 | 226.3863 | 9.5730 | 40.2916 | 52.1033 | 0.0000 | 0.0000 | 0.0000 |
| 02/08/2020 | 93.5123 | 0.0000 | 0.0170 | 0.0170 | 4.5051 | 226.5750 | 9.4914 | 40.3025 | 52.1101 | 0.0000 | | |
| 03/08/2020 | 93.4468 | 0.0000 | 0.0152 | 0.0152 | 4.5514 | 226.8241 | 9.7204 | 40.3297 | 52.1255 | 0.0000 | | |
| 04/08/2020 | 93.4296 | 0.0000 | 0.0146 | 0.0146 | 4.5643 | 226.8383 | 9.4215 | 40.3366 | 52.1294 | 0.0000 | | |
| 05/08/2020 | 94.4480 | 0.0000 | 0.0174 | 0.0174 | 3.9005 | 221.5424 | 9.8353 | 39.9201 | 51.8908 | 0.0000 | | |
| 06/08/2020 | 95.6461 | 0.0000 | 0.0141 | 0.0141 | 3.1234 | 215.5394 | 10.7106 | 39.4321 | 51.6283 | 0.0000 | | |
| 07/08/2020 | 95.8401 | 0.0000 | 0.0131 | 0.0131 | 2.9977 | 214.9599 | 10.8368 | 39.3565 | 51.5930 | 0.0000 | | |
| 08/08/2020 | 95.8316 | 0.0000 | 0.0129 | 0.0129 | 3.0067 | 214.9281 | 10.9359 | 39.3594 | 51.5941 | 0.0000 | | |
| 09/08/2020 | 95.8456 | 0.0000 | 0.0131 | 0.0131 | 2.9953 | 215.2123 | 11.0117 | 39.3540 | 51.5916 | 0.0000 | | |
| 10/08/2020 | 95.7748 | 0.0000 | 0.0119 | 0.0119 | 3.0408 | 214.8662 | 10.8826 | 39.3814 | 51.6066 | 0.0000 | | |
| 11/08/2020 | 95.7990 | 0.0000 | 0.0114 | 0.0114 | 3.0299 | 214.3969 | 11.1286 | 39.3730 | 51.6030 | 0.0000 | | |
| 12/08/2020 | 95.7998 | 0.0000 | 0.0104 | 0.0104 | 3.0313 | 215.2386 | 10.8181 | 39.3730 | 51.6031 | 0.0000 | | |
| 13/08/2020 | 95.8436 | 0.0000 | 0.0101 | 0.0101 | 3.0035 | 214.9382 | 11.2157 | 39.3553 | 51.5937 | 0.0000 | | |
| 14/08/2020 | 95.8407 | 0.0000 | 0.0098 | 0.0098 | 3.0473 | 214.4309 | 11.1296 | 39.3558 | 51.5943 | 0.0000 | | |
| 15/08/2020 | 95.8249 | 0.0000 | 0.0096 | 0.0096 | 3.0168 | 214.8003 | 10.9374 | 39.3629 | 51.5984 | 0.0000 | | |
| 16/08/2020 | 95.7676 | 0.0000 | 0.0090 | 0.0090 | 3.0571 | 215.5628 | 10.9381 | 39.3859 | 51.6115 | 0.0000 | | |
| 17/08/2020 | 95.6834 | 0.0000 | 0.0071 | 0.0071 | 3.1200 | 215.8910 | 11.0564 | 39.4217 | 51.6303 | 0.0000 | | |
| 18/08/2020 | 95.6646 | 0.0000 | 0.0069 | 0.0069 | 3.1320 | 217.2968 | 11.0004 | 39.4272 | 51.6344 | 0.0000 | | |
| 19/08/2020 | 94.2938 | 0.0000 | 0.0184 | 0.0184 | 3.9788 | 223.8850 | 9.7420 | 40.0168 | 51.9624 | 0.0000 | | |
| 20/08/2020 | 93.1521 | 0.0000 | 0.0188 | 0.0188 | 4.6554 | 229.3007 | 9.4126 | 40.4834 | 52.2073 | 0.0000 | | |
| 21/08/2020 | 93.1092 | 0.0000 | 0.0163 | 0.0163 | 4.6831 | 229.4579 | 9.4050 | 40.5034 | 52.2187 | 0.0000 | | |
| 22/08/2020 | 93.1144 | 0.0000 | 0.0160 | 0.0160 | 4.6817 | 229.4200 | 9.0897 | 40.5008 | 52.2180 | 0.0000 | | |
| 23/08/2020 | 93.0818 | 0.0000 | 0.0152 | 0.0152 | 4.7014 | 229.5002 | 9.1234 | 40.5157 | 52.2267 | 0.0000 | | |
| 24/08/2020 | 92.9723 | 0.0000 | 0.0122 | 0.0122 | 4.7762 | 230.1369 | 9.0125 | 40.5617 | 52.2533 | 0.0000 | | |
| 25/08/2020 | 92.9560 | 0.0000 | 0.0117 | 0.0117 | 4.7839 | 230.0709 | 9.3521 | 40.5691 | 52.2567 | 0.0000 | | |
| 26/08/2020 | 92.9506 | 0.0000 | 0.0115 | 0.0115 | 4.7946 | 230.0704 | 9.2047 | 40.5699 | 52.2576 | 0.0000 | | |
| 27/08/2020 | 92.9407 | 0.0000 | 0.0113 | 0.0113 | 4.8034 | 230.0552 | 9.3480 | 40.5730 | 52.2596 | 0.0000 | | |
| 28/08/2020 | 92.9286 | 0.0000 | 0.0111 | 0.0111 | 4.8094 | 230.0576 | 9.1169 | 40.5792 | 52.2628 | 0.0000 | | |
| 29/08/2020 | 92.9109 | 0.0000 | 0.0108 | 0.0108 | 4.8184 | 230.2000 | 10.2413 | 40.5880 | 52.2681 | 0.0000 | | |
| 30/08/2020 | 92.9065 | 0.0000 | 0.0107 | 0.0107 | 4.8248 | 230.3395 | 10.6605 | 40.5894 | 52.2692 | 0.0000 | | |
| 31/08/2020 | 92.9388 | 0.0000 | 0.0114 | 0.0114 | 4.7998 | 230.1528 | 10.9514 | 40.5760 | 52.2604 | 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 | 92.9065 | 0.0000 | 0.0069 | 0.0069 | 2.9953 | 214.3969 | 9.0125 | 39.3540 | 51.5916 | 0.0000 | | |
| Promedio | 94.3159 | 0.0000 | 0.0128 | 0.0128 | 3.9587 | 222.8669 | 10.1711 | 39.9918 | 51.9407 | 0.0000 | | |
| Máximo | 95.8456 | 0.0000 | 0.0188 | 0.0188 | 4.8248 | 230.3395 | 11.2157 | 40.5894 | 52.2692 | 0.0000 | | |
| Dev. Est. | 1.31362708 | 2.2451E-07 | 0.00318937 | 0.00318937 | 0.81477176 | 6.87693558 | 0.8046584 | 0.54981243 | 0.30065993 | 0 | | |

Observaciones: No se detectaron desviaciones en la calidad química del gas ni paros por emergencias operativas o 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/08/2020 | 93.5600 | 0.0000 | 0.0183 | 0.0183 | 4.5167 | 226.6257 | 10.5201 | 40.3095 | 52.1154 | 0.0000 |
| 02/08/2020 | 93.5394 | 0.0000 | 0.0178 | 0.0178 | 4.5521 | 227.9225 | 10.9208 | 40.3292 | 52.1244 | 0.0000 |
| 03/08/2020 | 93.4610 | 0.0000 | 0.0155 | 0.0155 | 4.5631 | 228.0248 | 11.6870 | 40.3377 | 52.1314 | 0.0000 |
| 04/08/2020 | 93.4431 | 0.0000 | 0.0149 | 0.0149 | 4.5764 | 226.9586 | 10.7014 | 40.3432 | 52.1347 | 0.0000 |
| 05/08/2020 | 95.5247 | 0.0000 | 0.0437 | 0.0437 | 4.5859 | 227.0398 | 11.3211 | 40.3462 | 52.1416 | 0.0000 |
| 06/08/2020 | 95.8282 | 0.0000 | 0.0148 | 0.0148 | 3.1911 | 218.3483 | 12.0310 | 39.4755 | 51.6598 | 0.0000 |
| 07/08/2020 | 95.8679 | 0.0000 | 0.0137 | 0.0137 | 3.0306 | 217.2616 | 12.1737 | 39.3760 | 51.6054 | 0.0000 |
| 08/08/2020 | 95.8924 | 0.0000 | 0.0143 | 0.0143 | 3.0409 | 217.1715 | 12.2223 | 39.3769 | 51.6015 | 0.0000 |
| 09/08/2020 | 95.8814 | 0.0000 | 0.0143 | 0.0143 | 3.0250 | 217.2753 | 12.0088 | 39.3697 | 51.6074 | 0.0000 |
| 10/08/2020 | 95.8211 | 0.0000 | 0.0121 | 0.0121 | 3.0585 | 217.6296 | 12.2708 | 39.3924 | 51.6135 | 0.0000 |
| 11/08/2020 | 95.8334 | 0.0000 | 0.0119 | 0.0119 | 3.0480 | 217.9573 | 12.4508 | 39.3841 | 51.6088 | 0.0000 |
| 12/08/2020 | 95.8391 | 0.0000 | 0.0112 | 0.0112 | 3.0447 | 217.3461 | 11.8657 | 39.3804 | 51.6065 | 0.0000 |
| 13/08/2020 | 95.8545 | 0.0000 | 0.0104 | 0.0104 | 3.0276 | 216.8998 | 11.9280 | 39.3688 | 51.6016 | 0.0000 |
| 14/08/2020 | 95.8545 | 0.0000 | 0.0100 | 0.0100 | 3.8902 | 217.4727 | 12.0264 | 39.3611 | 51.5999 | 0.0000 |
| 15/08/2020 | 95.8468 | 0.0000 | 0.0098 | 0.0098 | 3.0591 | 217.1498 | 11.9473 | 39.3882 | 51.6154 | 0.0000 |
| 16/08/2020 | 95.7940 | 0.0000 | 0.0094 | 0.0094 | 3.1069 | 217.5527 | 12.0280 | 39.4133 | 51.6264 | 0.0000 |
| 17/08/2020 | 95.7011 | 0.0000 | 0.0075 | 0.0075 | 3.1411 | 218.0755 | 11.9062 | 39.4767 | 51.6379 | 0.0000 |
| 18/08/2020 | 95.6988 | 0.0000 | 0.0071 | 0.0071 | 3.1593 | 218.4045 | 12.0608 | 39.4434 | 51.6454 | 0.0000 |
| 19/08/2020 | 95.7436 | 0.0000 | 0.0359 | 0.0359 | 4.6536 | 230.6910 | 11.9438 | 40.4817 | 52.2014 | 0.0000 |
| 20/08/2020 | 93.1878 | 0.0000 | 0.0219 | 0.0219 | 4.6755 | 231.2566 | 10.8177 | 40.4964 | 52.2175 | 0.0000 |
| 21/08/2020 | 93.2169 | 0.0000 | 0.0193 | 0.0193 | 4.7105 | 231.1945 | 10.7631 | 40.5202 | 52.2294 | 0.0000 |
| 22/08/2020 | 93.2206 | 0.0000 | 0.0192 | 0.0192 | 4.7236 | 231.4748 | 10.0679 | 40.5261 | 52.2332 | 0.0000 |
| 23/08/2020 | 93.1300 | 0.0000 | 0.0166 | 0.0166 | 4.7269 | 229.6629 | 10.3710 | 40.5315 | 52.2362 | 0.0000 |
| 24/08/2020 | 93.0990 | 0.0000 | 0.0141 | 0.0141 | 4.7883 | 232.0364 | 10.5373 | 40.5685 | 52.2590 | 0.0000 |
| 25/08/2020 | 92.9612 | 0.0000 | 0.0118 | 0.0118 | 4.7934 | 231.5144 | 10.3258 | 40.5733 | 52.2604 | 0.0000 |
| 26/08/2020 | 92.9610 | 0.0000 | 0.0118 | 0.0118 | 4.8063 | 231.7575 | 10.4279 | 40.5766 | 52.2635 | 0.0000 |
| 27/08/2020 | 92.9497 | 0.0000 | 0.0115 | 0.0115 | 4.8115 | 231.3539 | 10.2366 | 40.5777 | 52.2624 | 0.0000 |
| 28/08/2020 | 92.9334 | 0.0000 | 0.0112 | 0.0112 | 4.8148 | 230.1374 | 10.8892 | 40.5824 | 52.2662 | 0.0000 |
| 29/08/2020 | 92.9294 | 0.0000 | 0.0113 | 0.0113 | 4.8269 | 230.2865 | 12.2780 | 40.5938 | 52.2751 | 0.0000 |
| 30/08/2020 | 92.9351 | 0.0000 | 0.0113 | 0.0113 | 4.8988 | 232.2380 | 12.5662 | 40.5972 | 52.2759 | 0.0000 |
| 31/08/2020 | 92.9564 | 0.0000 | 0.0118 | 0.0118 | 4.8439 | 232.0202 | 12.9716 | 40.6011 | 52.2767 | 0.0000 |
| Máximo | 95.8924 | 0.0000 | 0.0437 | 0.0437 | 4.8988 | 232.2380 | 12.9716 | 40.6011 | 52.2767 | 0.0000 |

Observaciones: No se detectaron desviaciones en la calidad química del gas ni paros por emergencias operativas o 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 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) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/08/2020 | 93.4958 | 0.0000 | 0.0165 | 0.0165 | 4.4709 | 226.2567 | 8.2577 | 40.2829 | 52.0979 | 0.0000 |
| 02/08/2020 | 93.4471 | 0.0000 | 0.0152 | 0.0152 | 4.4852 | 226.3900 | 8.2419 | 40.2913 | 52.1023 | 0.0000 |
| 03/08/2020 | 93.4285 | 0.0000 | 0.0146 | 0.0146 | 4.5388 | 226.6884 | 7.8159 | 40.3247 | 52.1219 | 0.0000 |
| 04/08/2020 | 93.4132 | 0.0000 | 0.0142 | 0.0142 | 4.5545 | 226.7297 | 8.0482 | 40.3313 | 52.1263 | 0.0000 |
| 05/08/2020 | 93.3813 | 0.0000 | 0.0128 | 0.0128 | 3.2037 | 215.6967 | 8.3130 | 39.4838 | 51.6603 | 0.0000 |
| 06/08/2020 | 95.5448 | 0.0000 | 0.0128 | 0.0128 | 3.0076 | 213.7665 | 9.5422 | 39.3600 | 51.5378 | 0.0000 |
| 07/08/2020 | 95.7919 | 0.0000 | 0.0122 | 0.0122 | 2.9784 | 213.4748 | 9.5936 | 39.3451 | 51.5865 | 0.0000 |
| 08/08/2020 | 95.7900 | 0.0000 | 0.0126 | 0.0126 | 2.9633 | 213.3339 | 9.1861 | 39.3348 | 51.5808 | 0.0000 |
| 09/08/2020 | 95.8060 | 0.0000 | 0.0120 | 0.0120 | 2.9690 | 213.4730 | 9.7267 | 39.3395 | 51.5827 | 0.0000 |
| 10/08/2020 | 95.7119 | 0.0000 | 0.0112 | 0.0112 | 3.0129 | 213.6262 | 9.6275 | 39.3642 | 51.5913 | 0.0000 |
| 11/08/2020 | 95.7723 | 0.0000 | 0.0101 | 0.0101 | 3.0076 | 213.6833 | 9.7747 | 39.3590 | 51.5944 | 0.0000 |
| 12/08/2020 | 95.7815 | 0.0000 | 0.0101 | 0.0101 | 3.0055 | 213.8504 | 9.8194 | 39.3570 | 51.5952 | 0.0000 |
| 13/08/2020 | 95.8094 | 0.0000 | 0.0096 | 0.0096 | 2.9957 | 213.5624 | 10.0691 | 39.3508 | 51.5909 | 0.0000 |
| 14/08/2020 | 95.8286 | 0.0000 | 0.0096 | 0.0096 | 2.9973 | 213.4515 | 9.9101 | 39.3506 | 51.5896 | 0.0000 |
| 15/08/2020 | 95.7625 | 0.0000 | 0.0092 | 0.0092 | 3.0027 | 213.6263 | 9.9157 | 39.3541 | 51.5947 | 0.0000 |
| 16/08/2020 | 95.6992 | 0.0000 | 0.0076 | 0.0076 | 3.0394 | 213.9628 | 9.8482 | 39.3754 | 51.6056 | 0.0000 |
| 17/08/2020 | 95.6522 | 0.0000 | 0.0068 | 0.0068 | 3.1068 | 214.4276 | 9.9483 | 39.4124 | 51.6248 | 0.0000 |
| 18/08/2020 | 95.6243 | 0.0000 | 0.0067 | 0.0067 | 3.1084 | 214.5226 | 10.1248 | 39.4133 | 51.6264 | 0.0000 |
| 19/08/2020 | 93.1448 | 0.0000 | 0.0070 | 0.0070 | 3.0960 | 214.3953 | 8.4215 | 39.4082 | 51.6000 | 0.0000 |
| 20/08/2020 | 93.1235 | 0.0000 | 0.0170 | 0.0170 | 4.6294 | 228.9964 | 7.4507 | 40.4671 | 52.1965 | 0.0000 |
| 21/08/2020 | 93.0693 | 0.0000 | 0.0153 | 0.0153 | 4.6089 | 229.0253 | 8.1378 | 40.4578 | 52.1939 | 0.0000 |
| 22/08/2020 | 93.0553 | 0.0000 | 0.0143 | 0.0143 | 4.6069 | 228.7748 | 7.4595 | 40.4562 | 52.1851 | 0.0000 |
| 23/08/2020 | 93.0446 | 0.0000 | 0.0141 | 0.0141 | 4.6689 | 229.2893 | 6.4828 | 40.4951 | 52.2145 | 0.0000 |
| 24/08/2020 | 92.9119 | 0.0000 | 0.0118 | 0.0118 | 4.7307 | 229.6768 | 7.9319 | 40.5337 | 52.2365 | 0.0000 |
| 25/08/2020 | 92.9467 | 0.0000 | 0.0113 | 0.0113 | 4.7129 | 229.9415 | 8.4255 | 40.5667 | 52.2536 | 0.0000 |
| 26/08/2020 | 92.9343 | 0.0000 | 0.0112 | 0.0112 | 4.7860 | 229.9189 | 7.5938 | 40.5658 | 52.2543 | 0.0000 |
| 27/08/2020 | 92.9291 | 0.0000 | 0.0110 | 0.0110 | 4.7963 | 229.9421 | 7.1304 | 40.5695 | 52.2570 | 0.0000 |
| 28/08/2020 | 92.9210 | 0.0000 | 0.0109 | 0.0109 | 4.8058 | 229.4180 | 7.3452 | 40.5773 | 52.2605 | 0.0000 |
| 29/08/2020 | 92.8971 | 0.0000 | 0.0105 | 0.0105 | 4.8101 | 230.0967 | 7.7122 | 40.5815 | 52.2622 | 0.0000 |
| 30/08/2020 | 92.8867 | 0.0000 | 0.0103 | 0.0103 | 4.8017 | 230.0788 | 8.4363 | 40.5778 | 52.2613 | 0.0000 |
| 31/08/2020 | 92.8769 | 0.0000 | 0.0102 | 0.0102 | 4.7879 | 229.9857 | 9.1139 | 40.5686 | 52.2554 | 0.0000 |
| Mínimo | 92.8769 | 0.0000 | 0.0067 | 0.0067 | 2.9633 | 213.3339 | 6.4828 | 39.3348 | 51.5378 | 0.0000 |

Observaciones: No se detectaron desviaciones en la calidad química del gas ni paros por emergencias operativas o mantenimiento.