

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL



(Valores promedio diarios)

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|---------------------------|--|
| PERMISIONARIO: | TAG Pipelines Sur, S. de R. L. C.V. |
| PUNTO DE MEDICIÓN: | Estacion de Compresion EC3 |
| 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) | Azufre total* (mg/m ³) | Oxígeno* (% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|---|--------------------------------------|--|---------------------------------------|---------------------|
| 01/03/2020 | 94.4765 | 0.8234 | 0.6556 | 1.4791 | 3.8521 | 255.3722 | 7.8921 | 38.5415 | 50.2298 | 0.3137 | | |
| 02/03/2020 | 94.7852 | 0.7983 | 0.6062 | 1.4045 | 3.6185 | 255.3722 | 6.5451 | 38.5028 | 50.2416 | 0.2562 | | |
| 03/03/2020 | 94.7348 | 0.7903 | 0.6347 | 1.4250 | 3.6519 | 254.9266 | 6.6102 | 38.5020 | 50.2908 | 0.2846 | | |
| 04/03/2020 | 94.6211 | 0.7283 | 0.6903 | 1.4186 | 3.7686 | 255.3722 | 7.6415 | 38.5409 | 50.2107 | 0.1966 | | |
| 05/03/2020 | 94.9676 | 0.7781 | 0.6307 | 1.4088 | 3.4352 | 255.3722 | 9.2562 | 38.4475 | 50.2308 | 0.2057 | | |
| 06/03/2020 | 94.8213 | 0.7775 | 0.6397 | 1.4172 | 3.5803 | 255.3722 | 10.3942 | 38.4797 | 50.1858 | 0.0800 | | |
| 07/03/2020 | 94.8622 | 0.8116 | 0.6284 | 1.4400 | 3.5201 | 255.3722 | 10.4161 | 38.4512 | 50.1091 | 0.0298 | | |
| 08/03/2020 | 94.9774 | 0.8888 | 0.6167 | 1.5056 | 3.3261 | 255.3722 | 9.2329 | 38.3819 | 50.1445 | 0.0292 | | |
| 09/03/2020 | 95.0809 | 0.7679 | 0.7097 | 1.4776 | 3.2558 | 255.3722 | 9.8855 | 38.3694 | 50.1789 | 0.5208 | | |
| 10/03/2020 | 94.9032 | 0.7728 | 0.6992 | 1.4719 | 3.4431 | 255.3722 | 10.6248 | 38.4204 | 50.2034 | 0.5548 | | |
| 11/03/2020 | 95.0618 | 0.7746 | 0.6417 | 1.4162 | 3.3421 | 255.3722 | 10.0398 | 38.4126 | 50.2540 | 0.5673 | | |
| 12/03/2020 | 95.0665 | 0.8026 | 0.6006 | 1.4032 | 3.3442 | 255.3715 | 2.2942 | 38.4215 | 50.1835 | 0.6523 | | |
| 13/03/2020 | 94.7698 | 0.8259 | 0.6416 | 1.4675 | 3.5711 | 255.3722 | 2.0740 | 38.4645 | 50.1493 | 0.6692 | | |
| 14/03/2020 | 94.7794 | 0.8095 | 0.7025 | 1.5120 | 3.5253 | 255.3722 | 3.2424 | 38.4285 | 50.2061 | 0.6296 | | |
| 15/03/2020 | 94.7109 | 0.7848 | 0.6837 | 1.4685 | 3.6422 | 255.3722 | 3.1146 | 38.4753 | 50.2117 | 0.6976 | | |
| 16/03/2020 | 94.6794 | 0.8185 | 0.6393 | 1.4578 | 3.6802 | 255.3722 | 3.4742 | 38.4934 | 50.2439 | 0.6775 | | |
| 17/03/2020 | 94.7127 | 0.8349 | 0.5761 | 1.4110 | 3.6798 | 255.3722 | 3.2886 | 38.5211 | 50.2622 | 0.6926 | | |
| 18/03/2020 | 94.7323 | 0.8058 | 0.5871 | 1.3930 | 3.6838 | 255.3722 | 2.7953 | 38.5248 | 50.2568 | 0.6887 | | |
| 19/03/2020 | 94.6538 | 0.8072 | 0.6157 | 1.4229 | 3.7250 | 255.3722 | 2.9011 | 38.5296 | 50.2715 | 0.6788 | | |
| 20/03/2020 | 94.7200 | 0.7803 | 0.6307 | 1.4110 | 3.6857 | 255.3722 | 2.5696 | 38.5123 | 50.2597 | 0.6257 | | |
| 21/03/2020 | 94.6061 | 0.7472 | 0.6780 | 1.4252 | 3.7837 | 255.3722 | 2.9921 | 38.5357 | 50.2381 | 0.6431 | | |
| 22/03/2020 | 94.6418 | 0.7605 | 0.6784 | 1.4389 | 3.7335 | 255.3722 | 2.8089 | 38.5167 | 50.2277 | 0.6578 | | |
| 23/03/2020 | 94.7137 | 0.7182 | 0.7430 | 1.4612 | 3.6434 | 255.3609 | 0.7278 | 38.4792 | 50.2408 | 0.6864 | | |
| 24/03/2020 | 94.7103 | 0.7563 | 0.6709 | 1.4271 | 3.6874 | 255.3610 | 0.2292 | 38.5008 | 50.2285 | 0.6448 | | |
| 25/03/2020 | 94.7496 | 0.7519 | 0.6957 | 1.4477 | 3.6246 | 255.3722 | 1.1105 | 38.4779 | 50.2660 | 0.5662 | | |
| 26/03/2020 | 94.6390 | 0.7371 | 0.6849 | 1.4220 | 3.7556 | 255.3722 | 2.5241 | 38.5280 | 50.3575 | 0.4640 | | |
| 27/03/2020 | 94.3952 | 0.7463 | 0.6412 | 1.3875 | 4.0080 | 255.3722 | 4.6664 | 38.6290 | 50.3725 | 0.4303 | | |
| 28/03/2020 | 94.4084 | 0.7286 | 0.6125 | 1.3411 | 4.0304 | 255.0589 | 4.6988 | 38.6598 | 50.3795 | 0.4185 | | |
| 29/03/2020 | 94.3993 | 0.7230 | 0.6388 | 1.3618 | 4.0083 | 255.3722 | 4.8380 | 38.6537 | 50.3326 | 0.4139 | | |
| 30/03/2020 | 94.4376 | 0.7183 | 0.6486 | 1.3669 | 3.9719 | 255.3722 | 4.6057 | 38.6380 | 50.3203 | 0.4908 | | |
| 31/03/2020 | 94.4912 | 0.7458 | 0.6611 | 1.4069 | 3.8809 | 255.3722 | 3.5108 | 38.5937 | 50.3665 | 0.5154 | | |

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

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|-------------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|--|--|
| Mínimo | 94.3952 | 0.7182 | 0.5761 | 1.3411 | 3.2558 | 254.9266 | 0.2292 | 38.3694 | 50.1091 | 0.0292 | | |
| Promedio | 94.7493 | 0.7779 | 0.6511 | 1.4290 | 3.6600 | 255.3470 | 5.0647 | 38.5043 | 50.2469 | 0.4822 | | |
| Máximo | 95.0809 | 0.8888 | 0.7430 | 1.5120 | 4.0304 | 255.3722 | 10.6248 | 38.6598 | 50.3795 | 0.6976 | | |
| Desv. Est. | 0.1923 | 0.0399 | 0.0388 | 0.0397 | 0.2033 | 0.0961 | 3.2261 | 0.0743 | 0.0671 | 0.2135 | | |

Observaciones: Poder calorífico reportado en condiciones estandar.
 No se realizó el muestreo y análisis de gas por laboratorio descrito en la NOM-001-SECRE-2010, en el punto 6.2. Muestreo, determinación y registro de la composición del gas natural, La determinación del contenido de oxígeno y de azufre total se realizará en forma trimestral. Debido a la contingencia de Salud COVID-19, el muestreo de gas se reprogramará hasta nuevo aviso.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros máximos diarios)



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| PUNTO DE MEDICIÓN: | Estacion de Compresion EC3 |
| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/03/2020 | 94.7667 | 0.8837 | 0.7072 | 1.5909 | 4.2118 | 255.3722 | 9.5501 | 38.6551 | 50.2721 | 0.4172 |
| 02/03/2020 | 94.9223 | 0.8233 | 0.6273 | 1.4506 | 4.0078 | 255.3722 | 8.4925 | 38.6326 | 50.3221 | 0.4188 |
| 03/03/2020 | 94.8546 | 0.8178 | 0.7012 | 1.5190 | 3.7658 | 255.3722 | 7.8541 | 38.5443 | 50.3735 | 0.4918 |
| 04/03/2020 | 94.8235 | 0.7667 | 0.7259 | 1.4926 | 4.0493 | 255.3722 | 9.5501 | 38.6329 | 50.2684 | 0.3624 |
| 05/03/2020 | 95.1566 | 0.8381 | 0.6852 | 1.5234 | 3.6770 | 255.3722 | 10.6829 | 38.5355 | 50.3002 | 0.2532 |
| 06/03/2020 | 95.0598 | 0.8030 | 0.6931 | 1.4962 | 3.7704 | 255.3722 | 11.6341 | 38.5563 | 50.3226 | 0.2614 |
| 07/03/2020 | 95.0561 | 0.8451 | 0.6641 | 1.5093 | 3.6793 | 255.3722 | 11.9032 | 38.5304 | 50.2716 | 0.0535 |
| 08/03/2020 | 95.2268 | 1.2003 | 0.7460 | 1.9463 | 3.8120 | 255.3722 | 11.0583 | 38.5615 | 50.3190 | 0.0513 |
| 09/03/2020 | 95.2986 | 0.8230 | 0.7506 | 1.5737 | 3.5693 | 255.3722 | 13.8495 | 38.4687 | 50.2619 | 0.6424 |
| 10/03/2020 | 95.1651 | 0.8035 | 0.7527 | 1.5562 | 3.5725 | 255.3722 | 12.2912 | 38.4668 | 50.3040 | 0.7214 |
| 11/03/2020 | 95.2755 | 0.8180 | 0.7040 | 1.5220 | 3.5868 | 255.3722 | 12.2756 | 38.4990 | 50.5458 | 0.6576 |
| 12/03/2020 | 95.6962 | 0.9211 | 0.6502 | 1.5713 | 3.7125 | 255.3722 | 5.0817 | 38.5482 | 50.3212 | 0.8019 |
| 13/03/2020 | 95.2680 | 0.9256 | 0.7311 | 1.6567 | 3.7681 | 255.3722 | 4.0053 | 38.5422 | 50.2230 | 0.8000 |
| 14/03/2020 | 95.0437 | 0.8682 | 0.7534 | 1.6217 | 3.8158 | 255.3722 | 4.0741 | 38.5214 | 50.3232 | 0.7589 |
| 15/03/2020 | 94.9602 | 0.8555 | 0.8063 | 1.6618 | 4.0617 | 255.3722 | 3.7612 | 38.6060 | 50.3191 | 0.8043 |
| 16/03/2020 | 94.8438 | 0.8727 | 0.6983 | 1.5709 | 3.8282 | 255.3722 | 4.0992 | 38.5431 | 50.3007 | 0.7979 |
| 17/03/2020 | 94.8733 | 0.8686 | 0.6211 | 1.4897 | 3.8317 | 255.3722 | 3.9364 | 38.5780 | 50.3054 | 0.8165 |
| 18/03/2020 | 94.9214 | 0.8441 | 0.6836 | 1.5277 | 3.8224 | 255.3722 | 3.5046 | 38.5749 | 50.3307 | 0.7846 |
| 19/03/2020 | 94.9050 | 0.8454 | 0.6642 | 1.5096 | 4.0026 | 255.3722 | 3.9052 | 38.6290 | 50.3528 | 0.8283 |
| 20/03/2020 | 94.9551 | 0.8343 | 0.6975 | 1.5318 | 3.9857 | 255.3722 | 3.3044 | 38.6228 | 50.3434 | 0.7613 |
| 21/03/2020 | 94.8207 | 0.8114 | 0.7510 | 1.5624 | 4.0416 | 255.3722 | 4.1993 | 38.6240 | 50.2777 | 0.7932 |
| 22/03/2020 | 94.8013 | 0.8021 | 0.7143 | 1.5164 | 3.8579 | 255.3722 | 4.0616 | 38.5500 | 50.3325 | 0.8299 |
| 23/03/2020 | 94.8534 | 0.8026 | 0.7893 | 1.5919 | 3.9647 | 255.3722 | 1.8274 | 38.6603 | 50.5458 | 0.8116 |
| 24/03/2020 | 94.9333 | 0.8074 | 0.7070 | 1.5143 | 4.0355 | 255.3722 | 1.0576 | 38.6900 | 50.5458 | 0.7510 |
| 25/03/2020 | 94.8873 | 0.7793 | 0.7315 | 1.5108 | 3.8600 | 255.3722 | 2.6160 | 38.5688 | 50.3614 | 0.6832 |
| 26/03/2020 | 94.8074 | 0.7960 | 0.7294 | 1.5254 | 4.0077 | 255.3722 | 6.1769 | 38.6212 | 50.4776 | 0.6071 |
| 27/03/2020 | 94.9466 | 0.8908 | 0.7542 | 1.6451 | 4.4142 | 255.3722 | 6.2708 | 38.7842 | 50.4429 | 0.5445 |
| 28/03/2020 | 94.5646 | 0.7530 | 0.6980 | 1.4511 | 4.2694 | 255.3722 | 6.0455 | 38.7465 | 50.4470 | 0.5377 |
| 29/03/2020 | 94.7118 | 0.7544 | 0.6920 | 1.4464 | 4.2931 | 255.3722 | 6.1268 | 38.7513 | 50.4094 | 0.5145 |
| 30/03/2020 | 94.7102 | 0.7645 | 0.6910 | 1.4555 | 4.2993 | 255.3722 | 5.6700 | 38.7414 | 50.3617 | 0.6274 |
| 31/03/2020 | 94.6342 | 0.7889 | 0.7047 | 1.4936 | 4.0514 | 255.3722 | 4.7062 | 38.6436 | 50.4300 | 0.7528 |
| Máximo | 95.6962 | 1.2003 | 0.8063 | 1.9463 | 4.4142 | 255.3722 | 13.8495 | 38.7842 | 50.5458 | 0.8299 |

Observaciones:

Poder calorífico reportado en condiciones estandar.
 No se realizó el muestreo y análisis de gas por laboratorio descrito en la NOM-001-SECRE-2010, en el punto 6.2. Muestreo, determinación y registro de la composición del gas natural, La determinación del contenido de oxígeno y de azufre total se realizará en forma trimestral. Debido a la contingencia de Salud COVID-19, el muestreo de gas se reprogramará hasta nuevo aviso

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(Registros mínimos diarios)



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| 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) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|---|
| 01/03/2020 | 94.1635 | 0.7740 | 0.6087 | 1.3827 | 3.6094 | 255.3722 | 6.0705 | 38.4659 | 50.2017 | 0.1894 |
| 02/03/2020 | 94.4315 | 0.7466 | 0.5766 | 1.3232 | 3.4860 | 255.3722 | 5.2569 | 38.4556 | 50.2177 | 0.1465 |
| 03/03/2020 | 94.6048 | 0.7388 | 0.6125 | 1.3513 | 3.5352 | 221.9710 | 5.6575 | 38.4633 | 50.2153 | 0.0259 |
| 04/03/2020 | 94.3697 | 0.6655 | 0.6234 | 1.2889 | 3.5453 | 255.3722 | 6.0830 | 38.4638 | 50.1606 | 0.0622 |
| 05/03/2020 | 94.7763 | 0.7255 | 0.5840 | 1.3095 | 3.2414 | 255.3722 | 7.8666 | 38.3890 | 50.1366 | 0.1545 |
| 06/03/2020 | 94.6376 | 0.7476 | 0.5949 | 1.3424 | 3.3390 | 255.3722 | 9.6127 | 38.3949 | 50.0963 | 0.0172 |
| 07/03/2020 | 94.7141 | 0.7555 | 0.5861 | 1.3415 | 3.3366 | 255.3722 | 8.9931 | 38.4009 | 50.0468 | 0.0226 |
| 08/03/2020 | 94.6974 | 0.8003 | 0.2206 | 1.0209 | 3.1239 | 255.3722 | 7.8541 | 38.3213 | 50.1013 | 0.0229 |
| 09/03/2020 | 94.7186 | 0.7292 | 0.6596 | 1.3889 | 3.0757 | 255.3722 | 5.5886 | 38.3117 | 50.0953 | 0.0000 |
| 10/03/2020 | 94.7617 | 0.7287 | 0.6577 | 1.3865 | 3.1771 | 255.3722 | 9.2622 | 38.3304 | 50.1454 | 0.4807 |
| 11/03/2020 | 94.8218 | 0.7364 | 0.5795 | 1.3159 | 3.1505 | 255.3722 | 7.9245 | 38.3468 | 49.0691 | 0.4318 |
| 12/03/2020 | 94.7572 | 0.7516 | 0.5712 | 1.3228 | 2.5985 | 255.3722 | 1.3706 | 38.1564 | 50.1219 | 0.5150 |
| 13/03/2020 | 94.5605 | 0.7597 | 0.5708 | 1.3305 | 3.1002 | 255.3722 | 0.1439 | 38.3292 | 50.0663 | 0.5517 |
| 14/03/2020 | 94.4965 | 0.7630 | 0.6554 | 1.4184 | 3.2610 | 255.3722 | 2.1654 | 38.3391 | 50.1254 | 0.4689 |
| 15/03/2020 | 94.3385 | 0.7060 | 0.6290 | 1.3350 | 3.3694 | 255.3722 | 2.2405 | 38.3688 | 50.1626 | 0.6176 |
| 16/03/2020 | 94.5301 | 0.7704 | 0.5648 | 1.3351 | 3.5303 | 255.3722 | 2.9789 | 38.4434 | 50.1987 | 0.5735 |
| 17/03/2020 | 94.5835 | 0.8145 | 0.5452 | 1.3597 | 3.4978 | 255.3722 | 2.4407 | 38.4546 | 50.1930 | 0.5914 |
| 18/03/2020 | 94.5501 | 0.7709 | 0.5297 | 1.3005 | 3.4806 | 255.3722 | 1.9776 | 38.4582 | 50.1753 | 0.5594 |
| 19/03/2020 | 94.3933 | 0.7736 | 0.5828 | 1.3563 | 3.4813 | 255.3722 | 1.8149 | 38.4400 | 50.2080 | 0.5485 |
| 20/03/2020 | 94.4824 | 0.7206 | 0.5876 | 1.3082 | 3.4376 | 255.3722 | 1.7961 | 38.4195 | 50.1891 | 0.5109 |
| 21/03/2020 | 94.4046 | 0.6950 | 0.6140 | 1.3090 | 3.5561 | 255.3722 | 1.6897 | 38.4584 | 50.2042 | 0.4962 |
| 22/03/2020 | 94.4876 | 0.7246 | 0.6498 | 1.3744 | 3.5706 | 255.3722 | 1.6271 | 38.4650 | 50.1924 | 0.5331 |
| 23/03/2020 | 94.2384 | 0.6895 | 0.6813 | 1.3708 | 3.5123 | 252.1161 | -0.0438 | 38.4335 | 50.1517 | 0.5702 |
| 24/03/2020 | 94.1723 | 0.7276 | 0.6443 | 1.3719 | 3.4703 | 252.1161 | -0.6008 | 38.4241 | 50.1902 | 0.5308 |
| 25/03/2020 | 94.5165 | 0.7306 | 0.6455 | 1.3761 | 3.5017 | 255.3722 | 0.0063 | 38.4338 | 50.2126 | 0.3577 |
| 26/03/2020 | 94.4314 | 0.6914 | 0.6005 | 1.2919 | 3.5685 | 255.3722 | 0.2190 | 38.4587 | 50.0679 | 0.3559 |
| 27/03/2020 | 94.0259 | 0.6822 | 0.5719 | 1.2541 | 3.3173 | 255.3722 | 3.0728 | 38.3604 | 50.2770 | 0.3510 |
| 28/03/2020 | 94.1960 | 0.7073 | 0.5694 | 1.2767 | 3.8036 | 222.9151 | 3.2793 | 38.5621 | 50.3097 | 0.2960 |
| 29/03/2020 | 94.1048 | 0.6847 | 0.5819 | 1.2666 | 3.7154 | 255.3722 | 3.7049 | 38.5554 | 50.2782 | 0.3192 |
| 30/03/2020 | 94.1183 | 0.6590 | 0.6208 | 1.2798 | 3.6876 | 255.3722 | 3.5735 | 38.5369 | 50.2793 | 0.2924 |
| 31/03/2020 | 94.3202 | 0.7116 | 0.6204 | 1.3320 | 3.7598 | 255.3722 | 2.3656 | 38.5527 | 50.2661 | 0.4022 |
| Mínimo | 94.0259 | 0.6590 | 0.2206 | 1.0209 | 2.5985 | 221.9710 | -0.6008 | 38.1564 | 49.0691 | 0.0000 |

Observaciones:

Poder calorífico reportado en condiciones estandar.
 No se realizó el muestreo y análisis de gas por laboratorio descrito en la NOM-001-SECRE-2010, en el punto 6.2. Muestreo, determinación y registro de la composición del gas natural, La determinación del contenido de oxígeno y de azufre total se realizará en forma trimestral. Debido a la contingencia de Salud COVID-19, el muestreo de gas se reprogramará hasta nuevo aviso