

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio diarios)

PERMISIONARIO: **NATGASMEX, S.A. DE C.V.**
 PUNTO DE MEDICIÓN: **Tetla**
 ZONA DE MEDICIÓN: **SUR**



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/09/2018	94.9188	0.7871	0.2349	1.0219	3.4751	261.5616	35.9700	39.4800	51.5000	0.0009		
02/09/2018	95.1019	0.8352	0.2109	1.0460	3.4422	261.3167	35.1000	39.3400	51.4000	0.0004		
03/09/2018	95.0437	0.8582	0.2115	1.0697	3.4946	261.5309	35.4300	39.3300	51.3800	0.0009		
04/09/2018	95.0661	0.8186	0.2081	1.0267	3.4841	261.6356	36.4800	39.3600	51.4500	0.0014		
05/09/2018	94.8438	0.8219	0.2788	1.1007	3.6487	261.2238	36.8000	39.3800	51.4100	0.0433		
06/09/2018	94.6840	0.7615	0.2549	1.0164	3.8183	261.0741	37.8200	39.5000	51.5300	0.0004		
07/09/2018	94.9011	0.7627	0.2524	1.0150	3.6251	260.8420	37.1600	39.4500	51.5000	0.0569		
08/09/2018	95.1194	0.7318	0.2565	0.9883	3.4914	260.2450	35.7500	39.3700	51.4900	0.1492		
09/09/2018	95.0654	0.7190	0.2575	0.9766	3.5450	260.9545	35.7600	39.3800	51.5000	0.0840		
10/09/2018	95.0884	0.6842	0.2561	0.9403	3.5452	261.0294	36.4400	39.4200	51.5400	0.0896		
11/09/2018	95.1730	0.6378	0.2311	0.8689	3.5376	259.6695	37.1100	39.4300	51.6000	0.2120		
12/09/2018	94.7991	0.6378	0.2318	0.8695	3.8135	260.2900	35.0900	39.5800	51.6800	0.1206		
13/09/2018	95.2042	0.6910	0.2507	0.9417	3.4622	259.2690	37.2500	39.3700	51.5100	0.0692		
14/09/2018	95.7451	0.6874	0.2531	0.9404	2.9423	259.3983	38.0000	39.2100	51.4300	0.1137		
15/09/2018	95.7500	0.6354	0.2347	0.8701	2.9754	259.0194	40.1300	39.2700	51.5200	0.1246		
16/09/2018	95.7430	0.6226	0.2170	0.8396	2.9989	258.7986	38.6400	39.3100	51.5300	0.0603		
17/09/2018	95.3417	0.5993	0.2259	0.8252	3.2902	259.1534	37.0400	39.4600	51.6500	0.0134		
18/09/2018	94.9005	0.6612	0.2435	0.9047	3.4996	259.9010	36.2900	39.5900	51.6600	0.0007		
19/09/2018	95.0595	0.7335	0.2590	0.9924	3.3403	259.7769	34.2900	39.4400	51.5200	0.0005		
20/09/2018	95.1360	0.7620	0.2637	1.0260	3.3242	260.7508	34.5400	39.3800	51.4700	0.0317		
21/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	34.5300	39.3500	51.4400	0.0468		
22/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	34.0200	39.3500	51.4400	0.0658		
23/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	33.4300	39.3500	51.4400	0.0198		
24/09/2018	95.0519	0.7417	0.2502	0.9919	3.3816	259.3932	34.3900	39.4400	51.5100	0.0387		
25/09/2018	95.1930	0.7458	0.2489	0.9947	3.2664	259.8082	36.3200	39.3900	51.4900	0.0704		
26/09/2018	95.3427	0.7422	0.2517	0.9942	3.0867	261.3570	16.6400	39.3400	51.4700	0.2323		
27/09/2018	95.4781	0.7599	0.2669	1.0269	3.0253	257.4500	33.4700	39.2600	51.3900	0.3242		
28/09/2018	95.2381	0.7772	0.2614	1.0386	3.2341	257.0068	33.0100	39.3100	51.4300	0.2784		
29/09/2018	95.3308	0.7996	0.2563	1.0559	3.1100	258.6243	33.6800	39.2900	51.3900	0.2622		
30/09/2018	95.5747	0.8082	0.2352	1.0432	2.8420	259.1925	33.9500	39.2400	51.3700	0.2054		

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

Mínimo	94.6840	0.5993	0.2081	0.8252	2.8420	257.0068	16.6400	39.2100	51.3700	0.0004		
Promedio	95.1800	0.7373	0.2468	0.9841	3.3541	260.0476	35.1510	39.3790	51.4880	0.0906		
Máximo	95.7500	0.8582	0.2788	1.1007	3.8183	261.6356	40.1300	39.5900	51.6800	0.3242		
Desv. Est.	0.26972	0.06742	0.01867	0.07193	0.24770	1.17512	3.88783	0.08965	0.08079	0.09372		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros Máximos diarios)

PERMISIONARIO: NATGASMEX, S.A. DE C.V.
PUNTO DE MEDICIÓN: Tetla
ZONA DE MEDICIÓN: SUR



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/09/2018	95.0687	0.8228	0.2768	1.0828	3.9067	264.5952	37.6100	39.5900	51.5900	0.0558		
02/09/2018	95.2762	0.8692	0.2235	1.0802	3.5039	264.4564	37.4100	39.4600	51.5200	0.0378		
03/09/2018	95.3791	0.9107	0.2251	1.1131	3.6238	264.9416	37.0000	39.3600	51.4300	0.0558		
04/09/2018	95.5153	0.8864	0.2419	1.1061	3.7341	264.7940	38.6100	39.5700	51.6400	0.0558		
05/09/2018	95.0584	0.8812	0.3067	1.1766	3.8469	264.4405	38.7100	39.5300	51.6000	28.4387		
06/09/2018	94.8810	0.7947	0.3267	1.1114	3.9191	264.0597	40.4200	39.5700	51.6100	0.0738		
07/09/2018	94.9977	0.8038	0.2649	1.0582	3.7679	264.2781	39.2100	39.4900	51.5300	0.1549		
08/09/2018	95.2250	0.7823	0.2698	1.0416	3.6139	263.9944	37.8100	39.4500	51.5500	0.2721		
09/09/2018	95.2649	0.7543	0.2711	1.0047	3.6336	264.2036	37.7100	39.4300	51.5500	0.1820		
10/09/2018	95.2152	0.7520	0.2758	1.0206	3.7425	264.1823	39.2100	39.4800	51.6200	0.2090		
11/09/2018	95.4550	0.6926	0.2564	0.9319	4.0270	262.8600	39.2100	39.6200	51.7300	0.3261		
12/09/2018	95.4588	0.6994	0.2523	0.9392	4.1401	261.8905	38.7100	39.7500	51.7900	0.3171		
13/09/2018	99.6700	0.7350	0.2682	0.9895	3.8479	267.3483	39.3200	39.5000	51.7400	0.2180		
14/09/2018	95.8802	0.7296	0.2658	0.9833	3.0723	262.8567	41.0200	39.2600	51.4700	0.2450		
15/09/2018	95.8317	0.7455	0.2638	1.0087	3.0854	261.9206	54.3900	39.3400	51.5900	0.2270		
16/09/2018	95.8098	0.6473	0.2271	0.8617	3.1327	262.2441	41.5300	39.3500	51.5800	0.1910		
17/09/2018	95.6819	0.6880	0.2873	0.9425	3.8532	261.9193	41.9300	39.7600	51.8500	0.1189		
18/09/2018	95.1947	0.7447	0.2715	1.0071	3.8717	262.6559	39.0100	39.7800	51.8500	0.0468		
19/09/2018	95.1939	0.7672	0.2786	1.0348	3.3977	262.7485	36.3000	39.5100	51.6000	0.0378		
20/09/2018	95.1738	0.7860	0.2667	1.0511	3.4260	262.7512	38.3100	39.4400	51.5200	0.2540		
21/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	37.5100	39.3500	51.4400	0.1639		
22/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	36.7000	39.3500	51.4400	0.1730		
23/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	37.9100	39.3500	51.4400	0.1369		
24/09/2018	95.1919	0.7655	0.2667	1.0323	3.4535	260.8903	50.1700	39.5000	51.5800	0.1369		
25/09/2018	95.4577	0.8085	0.2749	1.0735	3.6439	262.9079	40.1200	39.5100	51.5700	0.1639		
26/09/2018	95.3728	0.7522	0.2605	1.0072	3.1209	262.0399	37.1000	39.3500	51.4700	0.4703		
27/09/2018	95.6392	0.8017	0.3155	1.0779	3.1771	261.6247	320.3100	39.3400	51.4600	0.4433		
28/09/2018	95.6762	0.8264	0.2791	1.0981	3.7573	259.5418	35.8000	39.4800	51.5200	0.4343		
29/09/2018	95.6823	0.8427	0.2788	1.1121	3.5326	261.3426	35.3000	39.4100	51.4600	0.3982		
30/09/2018	95.6513	0.8203	0.2438	1.0576	2.9147	261.8112	36.4000	39.2700	51.4000	0.3442		

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Mínimo	94.8810	0.6473	0.2235	0.8617	2.9147	259.5418	35.3000	39.2600	51.4000	0.0378		
Promedio	95.5136	0.7802	0.2680	1.0367	3.5556	262.8151	48.6917	39.4717	51.5713	1.1461		
Máximo	99.6700	0.9107	0.3267	1.1766	4.1401	267.3483	320.3100	39.7800	51.8500	28.4387		
Desv. Est.	0.82852	0.06122	0.02302	0.06497	0.31998	1.72736	51.44943	0.13560	0.12102	5.15630		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros Mínimos diarios)

PERMISIONARIO: **NATGASMEX, S.A. DE C.V.**
 PUNTO DE MEDICIÓN: **Tetla**
 ZONA DE MEDICIÓN: **SUR**



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/09/2018	94.4852	0.7163	0.1824	0.9684	3.3225	259.0917	28.6600	39.3500	51.4100	0.0000		
02/09/2018	95.0085	0.7956	0.1850	0.9812	3.3330	258.5915	27.1500	39.2700	51.3700	0.0000		
03/09/2018	94.9000	0.8020	0.1911	1.0192	3.2040	259.1248	28.0600	39.2500	51.3400	0.0000		
04/09/2018	94.7878	0.7088	0.1812	0.9060	3.0988	257.5801	26.4500	39.2300	51.3200	0.0000		
05/09/2018	94.6192	0.6964	0.2343	0.9550	3.4547	258.6463	28.8600	39.3100	51.3400	0.0000		
06/09/2018	94.5106	0.7105	0.2312	0.9567	3.6460	258.6230	30.8700	39.4000	51.4600	0.0000		
07/09/2018	94.6979	0.7296	0.2367	0.9768	3.5451	258.3922	30.6700	39.4100	51.4600	0.0000		
08/09/2018	94.9057	0.6813	0.2413	0.9299	3.4133	258.1825	28.9600	39.3200	51.4200	0.0378		
09/09/2018	94.9624	0.6878	0.2330	0.9415	3.3646	258.5709	28.3600	39.3200	51.4500	0.0108		
10/09/2018	94.8999	0.6191	0.2372	0.8674	3.4184	257.0943	28.6600	39.3400	51.4500	0.0000		
11/09/2018	94.6804	0.5731	0.2072	0.7854	3.3015	257.2382	30.5700	39.3200	51.4900	0.1459		
12/09/2018	94.5214	0.5823	0.2003	0.7992	3.3085	257.4342	30.5700	39.3900	51.5700	0.0000		
13/09/2018	94.8184	0.0000	0.0000	0.0000	0.0000	257.3041	28.9600	38.3400	50.9000	0.0000		
14/09/2018	95.6051	0.6405	0.2399	0.8867	2.8127	255.7105	30.4700	39.1400	51.3700	0.0000		
15/09/2018	95.5876	0.5789	0.2134	0.7962	2.8879	256.7538	30.0700	39.1600	51.3500	0.0468		
16/09/2018	95.5808	0.6020	0.2070	0.8154	2.9278	255.3650	29.7700	39.2800	51.5100	0.0000		
17/09/2018	94.6275	0.5609	0.1891	0.7776	3.0277	254.3728	28.7600	39.3200	51.4900	0.0000		
18/09/2018	94.5584	0.5638	0.2152	0.7879	3.2494	256.9278	27.5600	39.4400	51.5200	0.0000		
19/09/2018	94.9996	0.6856	0.2386	0.9311	3.2646	255.9295	24.4400	39.3800	51.4800	0.0000		
20/09/2018	95.0179	0.7377	0.2443	0.9825	3.3074	259.8380	26.7500	39.3500	51.4300	0.0000		
21/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	25.6500	39.3500	51.4400	0.0000		
22/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	26.8500	39.3500	51.4400	0.0000		
23/09/2018	95.1683	0.7655	0.2667	1.0323	3.3074	260.3850	25.5500	39.3500	51.4400	0.0000		
24/09/2018	94.9564	0.7200	0.2172	0.9590	3.2086	257.4989	27.5600	39.3500	51.4400	0.0000		
25/09/2018	94.8328	0.7064	0.2226	0.9519	2.9972	256.9658	28.2600	39.2700	51.3800	0.0018		
26/09/2018	95.3337	0.7355	0.2472	0.9854	3.0830	260.6736	28.2600	39.3300	51.4500	0.0000		
27/09/2018	95.2789	0.7274	0.2490	0.9910	2.8689	255.5009	28.2600	39.1600	51.3000	0.0000		
28/09/2018	94.7075	0.7361	0.2405	0.9951	2.8520	254.7072	25.6500	39.2100	51.3500	0.1549		
29/09/2018	94.9053	0.7733	0.2269	1.0343	2.7670	256.9922	26.5500	39.1800	51.3200	0.1549		
30/09/2018	95.4854	0.7949	0.2252	1.0207	2.7971	257.1428	26.1500	39.2000	51.3400	0.0919		

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Mínimo	94.4852	0.0000	0.0000	0.0000	0.0000	254.3728	24.4400	38.3400	50.9000	0.0000		
Promedio	94.9593	0.6721	0.2179	0.9033	3.0795	257.7136	28.1120	39.2690	51.4010	0.0215		
Máximo	95.6051	0.8020	0.2667	1.0343	3.6460	260.6736	30.8700	39.4400	51.5700	0.1549		
Desv. Est.	0.32946	0.14655	0.04788	0.18970	0.62730	1.70322	1.73929	0.19254	0.11616	0.04828		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**