

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.
01/11/2021	95.3756	0.6813	1.1798	1.8610	2.6398	250.5276	13.2700	38.6100	50.6400	0.3372		
02/11/2021	95.0415	0.6612	1.1755	1.8366	2.9590	250.9514	12.2000	38.7100	50.7300	0.3834		
03/11/2021	95.2162	0.6996	0.6213	1.3211	3.2733	250.0394	11.2200	39.0000	51.1000	0.4741		
04/11/2021	95.2162	0.6996	0.6213	1.3211	3.2733	250.0394	9.1400	39.0000	51.1000	0.4169		
05/11/2021	95.1983	0.7064	1.0791	1.7855	2.8763	253.8653	9.0400	38.7100	50.7500	0.4487		
06/11/2021	95.3030	0.6716	1.1198	1.7914	2.7575	253.5633	9.4200	38.6600	50.7200	0.4326		
07/11/2021	95.0825	0.6006	1.3201	1.9208	2.8498	252.8523	9.0100	38.6400	50.6600	0.3959		
08/11/2021	94.6786	0.8155	1.1313	1.9469	3.0919	253.1606	10.3400	38.8000	50.6900	0.4836		
09/11/2021	94.4351	0.7734	1.1696	1.9430	3.4377	257.3960	14.0300	38.8400	50.7300	0.6172		
10/11/2021	94.5697	0.7582	1.1631	1.9214	3.3579	255.1203	11.5900	38.7900	50.7200	0.6060		
11/11/2021	95.0117	0.8297	1.1084	1.9381	2.9417	253.9379	10.6400	38.6500	50.6100	0.4121		
12/11/2021	95.2321	0.8267	1.1063	1.9330	2.6871	253.8197	9.0500	38.6000	50.6000	0.3130		
13/11/2021	95.1987	0.8916	1.0469	1.9385	2.7190	254.0472	7.6000	38.6000	50.5600	0.3407		
14/11/2021	95.2587	0.8626	1.0627	1.9254	2.6835	254.0998	7.4800	38.5800	50.5700	0.3381		
15/11/2021	95.3698	0.8593	1.0316	1.8908	2.6187	254.0765	6.4600	38.5800	50.5900	0.3355		
16/11/2021	95.2813	0.8331	1.0363	1.8694	2.7307	254.1609	7.8900	38.6100	50.6200	0.3639		
17/11/2021	95.2711	0.9187	0.9486	1.8675	2.7352	253.9859	6.6900	38.6200	50.6000	0.4304		
18/11/2021	95.2093	0.8873	0.9874	1.8747	2.7659	253.7192	7.3300	38.6200	50.6100	0.1666		
19/11/2021	95.3582	0.8535	1.0315	1.8849	2.6265	252.6591	7.2600	38.5800	50.5800	0.0535		
20/11/2021	95.4235	0.8105	1.0754	1.8859	2.5437	253.0461	7.3500	38.5500	50.5900	0.0225		
21/11/2021	95.4161	0.8527	1.0379	1.8906	2.5520	253.2872	8.3800	38.5600	50.5700	0.0123		
22/11/2021	95.5912	0.9309	0.8646	1.7954	2.4643	253.6604	8.2500	38.5800	50.6100	0.0075		
23/11/2021	95.5842	0.9163	0.9385	1.8549	2.4487	253.1061	9.1400	38.5500	50.5600	0.0071		
24/11/2021	95.3717	0.9277	0.9262	1.8539	2.6374	252.8530	9.7400	38.6000	50.6000	0.0073		
25/11/2021	95.4488	0.9067	0.9592	1.8659	2.5429	252.7116	10.3100	38.5600	50.5500	0.0087		
26/11/2021	95.4185	0.9470	0.9090	1.8558	2.5793	253.1280	10.1400	38.5900	50.5800	0.0071		
27/11/2021	95.3074	1.0101	0.8232	1.8332	2.7176	253.7800	10.3100	38.6200	50.6000	0.0078		
28/11/2021	95.5284	0.9047	0.8435	1.7481	2.6111	254.1808	8.8200	38.6300	50.6600	0.0075		
29/11/2021	95.4625	0.9630	0.8660	1.8289	2.6059	253.1217	8.9400	38.6000	50.6000	0.0077		
30/11/2021	95.3396	0.9240	0.9222	1.8461	2.6907	252.9452	10.4900	38.6100	50.6200	0.0091		

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

Mínimo	94.4351	0.6006	0.6213	1.3211	2.4487	250.0394	6.4600	38.5500	50.5500	0.0071		
Promedio	95.2400	0.8308	1.0035	1.8343	2.7806	253.2614	9.3843	38.6550	50.6573	0.2485		
Máximo	95.5912	1.0101	1.3201	1.9469	3.4377	257.3960	14.0300	39.0000	51.1000	0.6172		
Desv. Est.	0.27145	0.10435	0.15591	0.14831	0.26416	1.45469	1.85691	0.11849	0.13300	0.21129		

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.
01/11/2021	95.6416	0.7624	1.3560	1.9849	2.8478	253.0523	35.5000	38.6300	50.7100	0.4343		
02/11/2021	95.2919	0.7738	1.3748	1.9217	3.1900	254.6476	41.3300	38.7900	50.7900	0.5063		
03/11/2021	95.8687	0.7426	1.2420	1.9565	3.7178	254.6476	36.0000	39.2400	51.5500	0.7136		
04/11/2021	95.8687	0.7426	1.2420	1.9565	3.7178	254.6476	11.4800	39.2400	51.5500	0.6415		
05/11/2021	95.4125	0.7688	1.1721	1.8613	3.0194	254.8545	10.4700	38.7800	50.8100	0.6235		
06/11/2021	95.4937	0.7708	1.3617	1.9516	2.9405	254.2839	11.4800	38.7400	50.7900	0.5964		
07/11/2021	95.4355	0.7107	1.4390	1.9963	3.0554	253.9327	11.0700	38.7100	50.7100	0.5244		
08/11/2021	95.2048	0.9125	1.3482	2.0060	3.4492	257.0081	14.1900	39.0500	50.8500	0.6325		
09/11/2021	94.9006	0.8603	1.2581	1.9969	3.7667	259.4482	41.5300	39.0100	50.8300	0.7496		
10/11/2021	94.9488	0.8660	1.2142	1.9876	3.7231	256.9811	41.9300	38.9100	50.8100	0.8577		
11/11/2021	95.1914	0.8999	1.1980	1.9827	3.4858	255.6081	13.7900	38.8100	50.7200	0.6055		
12/11/2021	95.3354	0.8996	1.2092	1.9650	2.8049	254.4204	11.2800	38.6400	50.6100	0.4433		
13/11/2021	95.4047	1.0162	1.1426	2.0160	3.0128	254.9832	9.5700	38.6800	50.6200	0.4793		
14/11/2021	95.3618	0.9289	1.1453	1.9664	2.8212	255.1382	8.9600	38.6200	50.6000	0.4523		
15/11/2021	95.5683	0.9549	1.1157	1.9284	2.8420	254.6859	8.8600	38.6600	50.6200	0.4613		
16/11/2021	95.4960	0.9479	1.1033	1.9036	2.9323	255.1026	9.7700	38.6800	50.6600	0.5424		
17/11/2021	95.4175	1.0273	1.0134	1.9419	2.9004	254.4920	9.1700	38.6700	50.6500	0.6055		
18/11/2021	95.3143	0.9779	1.0230	1.9462	2.9184	254.2375	8.8600	38.6900	50.6600	0.6235		
19/11/2021	95.5841	0.9248	1.1271	2.0144	2.8480	253.9708	10.8700	38.6600	50.6500	0.1459		
20/11/2021	95.6818	0.8536	1.1418	1.9262	2.7389	253.7744	10.8700	38.6000	50.6100	0.1189		
21/11/2021	95.5819	0.9499	1.2266	1.9737	2.7403	253.8289	38.9100	38.6000	50.6400	0.0919		
22/11/2021	95.8244	1.1019	0.9351	1.9009	2.5589	254.2124	39.1100	38.6000	50.6800	0.0558		
23/11/2021	95.7423	0.9812	0.9726	1.9246	2.5936	254.0355	33.1800	38.5900	50.6200	0.0648		
24/11/2021	95.4920	1.0504	1.0155	1.9029	2.7425	253.5261	27.1500	38.6300	50.6300	0.0919		
25/11/2021	95.5918	0.9813	1.0378	1.9200	2.6931	253.4827	17.7100	38.6100	50.6200	0.0828		
26/11/2021	95.5677	1.0032	0.9476	1.9040	2.9780	253.8398	41.3300	38.7100	50.6600	0.0828		
27/11/2021	95.5310	1.1114	0.9100	1.8754	2.9408	254.8642	21.2300	38.7000	50.6500	0.0738		
28/11/2021	95.8209	0.9730	0.9026	1.8092	2.7212	254.9124	31.2800	38.6600	50.7700	0.0648		
29/11/2021	95.5451	1.0230	0.9002	1.8747	2.7192	254.3939	38.3100	38.6400	50.6500	0.0738		
30/11/2021	95.4563	0.9624	0.9476	1.8874	2.8082	253.7651	23.0300	38.6400	50.6400	0.0828		

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Mínimo	94.9006	0.7107	0.9002	1.8092	2.5589	253.0523	8.8600	38.5900	50.6000	0.0558		
Promedio	95.4859	0.9160	1.1341	1.9394	3.0076	254.6926	22.2740	38.7397	50.7453	0.3841		
Máximo	95.8687	1.1114	1.4390	2.0160	3.7667	259.4482	41.9300	39.2400	51.5500	0.8577		
Desv. Est.	0.23632	0.11030	0.15627	0.05006	0.35409	1.25457	13.06904	0.17723	0.23102	0.26340		

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.
01/11/2021	95.1156	0.5635	1.0789	1.7500	2.4603	248.8007	1.0200	38.5700	50.5700	0.2540		
02/11/2021	94.8575	0.5433	1.0351	1.7514	2.6930	248.6240	2.0300	38.6100	50.6600	0.2721		
03/11/2021	94.2151	0.6755	1.0351	0.6984	3.0936	240.7381	8.3600	38.7500	50.6900	0.2901		
04/11/2021	94.2151	0.6755	1.0351	0.6984	3.0936	240.7381	7.4600	38.7500	50.6900	0.2631		
05/11/2021	95.0864	0.6621	0.9749	1.7188	2.5852	253.0857	2.4300	38.6400	50.6700	0.2991		
06/11/2021	95.0684	0.5633	0.9493	1.6913	2.5469	253.0035	7.0500	38.5900	50.6300	0.2721		
07/11/2021	94.8665	0.5109	1.0833	1.7834	2.6327	251.9191	7.5600	38.5900	50.6200	0.2901		
08/11/2021	94.1612	0.6121	1.0728	1.9020	2.6460	251.3148	8.6600	38.5900	50.5500	0.3622		
09/11/2021	94.0040	0.6831	1.1112	1.8829	3.0226	256.2138	3.0300	38.6800	50.6200	0.4973		
10/11/2021	94.1938	0.6565	1.0784	1.8244	2.9526	253.6540	8.6600	38.6400	50.5700	0.3532		
11/11/2021	94.4890	0.7654	1.0611	1.9040	2.7449	253.1865	7.9600	38.5900	50.5600	0.2270		
12/11/2021	95.1207	0.7416	1.0379	1.9073	2.5883	253.2659	7.4600	38.5600	50.5600	0.2090		
13/11/2021	94.8754	0.8151	0.9677	1.8780	2.5268	253.2395	5.7500	38.5200	50.5100	0.2090		
14/11/2021	95.1207	0.7891	0.9935	1.8876	2.5510	253.3037	5.9500	38.5200	50.5200	0.2270		
15/11/2021	95.0991	0.7890	0.9516	1.8511	2.4120	253.5152	4.4400	38.5200	50.5400	0.2000		
16/11/2021	95.0413	0.7582	0.9406	1.8399	2.5165	253.2405	5.9500	38.5600	50.5800	0.2360		
17/11/2021	95.1153	0.8725	0.8368	1.8253	2.6217	253.0806	4.5400	38.5900	50.5400	0.2631		
18/11/2021	95.0788	0.8352	0.9649	1.8383	2.7072	253.2299	5.9500	38.6000	50.5500	0.0108		
19/11/2021	95.1718	0.7886	0.9726	1.8241	2.3899	252.0946	5.7500	38.5100	50.4900	0.0000		
20/11/2021	95.2369	0.7611	1.0121	1.8270	2.3326	252.5639	5.7500	38.5100	50.5400	0.0000		
21/11/2021	95.2215	0.7471	0.8727	1.7814	2.4557	252.8276	1.6300	38.5200	50.5300	0.0000		
22/11/2021	95.3694	0.8112	0.6884	1.6927	2.3081	253.2800	6.0500	38.5400	50.5400	0.0000		
23/11/2021	95.3769	0.8665	0.8886	1.7898	2.2859	252.4885	3.7400	38.5000	50.5200	0.0000		
24/11/2021	95.2139	0.8486	0.8477	1.8021	2.5196	252.3446	6.5500	38.5700	50.5500	0.0000		
25/11/2021	95.2841	0.8577	0.8482	1.8035	2.4113	252.1222	3.1400	38.5100	50.5200	0.0000		
26/11/2021	95.0225	0.9051	0.8723	1.8159	2.4179	252.7076	7.2600	38.5200	50.5200	0.0000		
27/11/2021	95.0922	0.9190	0.7586	1.7849	2.4994	253.0537	5.8500	38.5600	50.5400	0.0000		
28/11/2021	95.3414	0.7732	0.7645	1.6031	2.4481	253.5088	5.1500	38.6000	50.6200	0.0000		
29/11/2021	95.3343	0.9232	0.8057	1.7740	2.5320	252.4658	5.8500	38.5600	50.5500	0.0000		
30/11/2021	95.2041	0.8903	0.8857	1.8069	2.5906	252.4360	6.0500	38.5800	50.5600	0.0000		

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Mínimo	94.0040	0.5109	0.6884	0.6984	2.2859	240.7381	1.0200	38.5000	50.4900	0.0000		
Promedio	94.9531	0.7535	0.9475	1.7313	2.5862	251.8682	5.5677	38.5783	50.5703	0.1578		
Máximo	95.3769	0.9232	1.1112	1.9073	3.0936	256.2138	8.6600	38.7500	50.6900	0.4973		
Desv. Est.	0.40389	0.11645	0.11063	0.28902	0.21460	3.31145	2.09834	0.06422	0.05449	0.14981		

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