

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.
01/10/2017	94.7791	0.6367	0.2492	0.8859	3.4899	257.2560	39.2300	39.7200	51.7500	0.4480	<10.8	0.00
02/10/2017	94.7636	0.6439	0.2590	0.9029	3.5014	257.0640	28.4900	39.7100	51.7300	0.3611		
03/10/2017	94.4999	0.6465	0.2620	0.9086	3.6619	254.9796	24.0800	39.8000	51.7800	0.3244		
04/10/2017	94.5613	0.6263	0.2663	0.8926	3.5800	253.7143	20.9000	39.8000	51.7900	0.2088		
05/10/2017	95.0842	0.6345	0.3282	0.9627	3.2367	253.7639	19.6600	39.5300	51.6200	0.1549		
06/10/2017	95.3232	0.6401	0.2986	0.9388	3.0607	255.0642	21.0900	39.4600	51.5800	0.1024		
07/10/2017	94.7111	0.5475	0.2732	0.8207	3.5463	254.1722	23.8800	39.7900	51.8400	0.2946		
08/10/2017	95.1563	0.6552	0.2813	0.9365	3.2853	254.3076	23.4100	39.4700	51.5800	0.2019		
09/10/2017	95.4646	0.6737	0.2883	0.9620	3.1108	254.0771	22.6500	39.3100	51.4800	0.1882		
10/10/2017	95.2728	0.5954	0.2561	0.8514	3.3196	253.2711	22.1400	39.4700	51.6400	0.1881		
11/10/2017	95.2555	0.7304	0.2785	1.0089	3.3213	252.7003	21.4200	39.3300	51.4500	0.0307		
12/10/2017	95.9888	0.7029	0.2959	0.9988	2.6843	253.3018	31.7000	39.1000	51.3300	0.3485		
13/10/2017	95.7816	0.6972	0.2806	0.9778	2.8268	253.9465	33.8300	39.2000	51.4100	0.2341		
14/10/2017	95.4967	0.6079	0.2641	0.8719	3.1118	253.5765	35.2200	39.3800	51.5900	0.2281		
15/10/2017	95.3712	0.5739	0.2461	0.8201	3.2532	253.7697	34.1600	39.4900	51.6500	0.2012		
16/10/2017	95.8152	0.7461	0.3056	1.0517	2.7945	255.5153	32.8300	39.1200	51.3100	0.2714		
17/10/2017	95.6675	0.7829	0.3166	1.0994	2.8868	255.8263	34.2600	39.1400	51.2900	0.2315		
18/10/2017	95.4413	0.6517	0.2798	0.9315	3.1460	254.9783	33.9500	39.3700	51.5100	0.1535		
19/10/2017	95.2271	0.7518	0.2945	1.0463	3.2154	252.4774	33.2900	39.3400	51.4300	0.1535		
20/10/2017	95.4239	0.7196	0.2790	0.9986	2.9923	254.2328	28.6200	39.3300	51.4600	0.2130		
21/10/2017	95.6815	0.7086	0.2958	1.0045	2.8084	255.2068	29.3200	39.2400	51.4100	0.2265		
22/10/2017	95.7902	0.7350	0.3368	1.0718	2.7467	255.1240	30.3500	39.1400	51.3100	0.1708		
23/10/2017	95.6737	0.7063	0.3717	1.0779	2.8363	254.3957	31.9800	39.1800	51.3300	23.9228		
24/10/2017	95.4792	0.6733	0.3080	0.9813	2.9948	253.9143	30.5200	39.3400	51.4800	24.6509		
25/10/2017	95.5436	0.6733	0.3110	0.9843	2.9407	253.5611	30.2600	39.3200	51.4600	24.9026		
26/10/2017	95.6034	0.6677	0.3153	0.9829	2.8906	253.9966	30.8400	39.2800	51.4500	29.4362		
27/10/2017	95.3904	0.6621	0.3063	0.9684	3.0657	253.7014	30.2200	39.3700	51.5200	29.5897		
28/10/2017	95.4782	0.7480	0.3171	1.0650	2.9718	254.3643	29.1800	39.2700	51.3800	29.6321		
29/10/2017	95.6001	0.7915	0.3325	1.1239	2.8662	254.8746	29.5000	39.1700	51.2900	29.6347		
30/10/2017	95.5625	0.8014	0.3357	1.1372	2.8995	254.7884	30.6400	39.1600	51.2700	29.6376		
31/10/2017	95.7352	0.8314	0.3291	1.1605	2.7255	253.9228	32.2200	39.0700	51.2100	29.6569		

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

Mínimo	94.4999	0.5475	0.2461	0.8201	2.6843	252.4774	19.6600	39.0700	51.2100	0.0307		
Promedio	95.3749	0.6859	0.2956	0.9814	3.0894	254.3821	29.0271	39.3677	51.4945	8.2580		
Máximo	95.9888	0.8314	0.3717	1.1605	3.6619	257.2560	39.2300	39.8000	51.8400	29.6569		
Desv. Est.	0.37876	0.06764	0.02991	0.08991	0.27423	1.07111	5.03670	0.21438	0.17031	12.83690		

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.
01/10/2017	94.9816	0.7084	0.2622	0.9706	3.6426	259.5520	50.3700	39.9000	51.8500	0.5514		
02/10/2017	95.0401	0.8821	0.3209	1.2001	3.7787	259.4078	37.9100	39.8700	51.8800	0.4613		
03/10/2017	94.6479	0.7708	0.2847	1.0181	3.8239	258.0369	26.6500	40.0400	51.9900	0.4523		
04/10/2017	95.0201	0.7667	0.3144	1.0798	3.8117	255.0174	27.1500	40.1300	52.0700	0.3442		
05/10/2017	95.2791	0.6621	0.3503	1.0044	3.4704	256.2259	46.3500	39.7700	51.7200	0.2901		
06/10/2017	95.5320	0.6740	0.3401	1.0064	3.4720	257.4921	23.8400	39.7700	51.8200	0.2360		
07/10/2017	95.2981	0.6383	0.3054	0.8996	3.9443	255.6618	37.1000	40.0000	52.0100	0.4433		
08/10/2017	95.3777	0.6955	0.3130	0.9796	3.4579	255.4386	39.2100	39.6100	51.6800	0.3892		
09/10/2017	95.7643	0.7435	0.3420	1.0103	3.5810	255.3183	45.3500	39.5200	51.6300	0.3081		
10/10/2017	95.6002	0.6776	0.2853	0.9418	3.6532	255.4050	52.8800	39.6500	51.7800	0.6775		
11/10/2017	95.8115	0.8913	0.3086	1.1779	3.8621	254.2717	38.2100	39.6300	51.7100	0.6865		
12/10/2017	96.2856	0.8435	0.3213	1.1279	2.8029	254.3374	319.0100	39.1700	51.3900	0.5784		
13/10/2017	96.2879	0.7615	0.3014	1.0569	3.2667	256.0377	39.1100	39.4800	51.6700	0.3442		
14/10/2017	95.7619	0.7004	0.3365	0.9703	3.7957	255.0770	39.4200	39.7300	51.8200	0.4793		
15/10/2017	95.7624	0.7142	0.2591	0.9667	3.4734	255.4141	39.2100	39.5900	51.7400	0.3802		
16/10/2017	96.2702	0.8079	0.3402	1.1307	3.1585	256.9976	37.7100	39.4500	51.6300	0.4162		
17/10/2017	95.9162	0.8481	0.3388	1.1760	3.1241	258.6589	38.6100	39.3800	51.5400	0.3622		
18/10/2017	95.5743	0.7590	0.3161	1.0725	3.3309	257.0672	36.7000	39.4400	51.6000	0.3081		
19/10/2017	95.6067	0.8036	0.3150	1.1005	3.4051	254.6273	274.4900	39.4000	51.4800	0.2991		
20/10/2017	95.6572	0.7683	0.3002	1.0630	3.2098	256.2971	31.1700	39.4200	51.5300	0.3442		
21/10/2017	95.9075	0.7517	0.3277	1.0619	3.0449	256.6412	31.2800	39.4100	51.5600	0.3351		
22/10/2017	96.0757	0.8143	0.3965	1.1519	3.0144	258.2483	44.6400	39.3800	51.5200	0.2901		
23/10/2017	95.8322	0.7568	0.3987	1.1439	2.9975	256.2220	37.6100	39.2800	51.4300	29.6912		
24/10/2017	95.6524	0.7131	0.3293	1.0387	3.2023	255.1451	31.7800	39.5100	51.6000	29.6912		
25/10/2017	95.7371	0.7215	0.3306	1.0297	3.1564	255.9093	31.6800	39.4100	51.5500	29.6912		
26/10/2017	95.8680	0.7228	0.3649	1.0272	3.3565	255.6289	35.8000	39.4500	51.5800	29.6912		
27/10/2017	95.5711	0.7386	0.3245	1.0340	3.2652	255.1211	36.1000	39.4900	51.6200	29.6912		
28/10/2017	95.7515	0.8352	0.3454	1.1766	3.2652	255.7186	30.8700	39.3700	51.4800	29.6912		
29/10/2017	95.7836	0.8418	0.3475	1.1674	3.1195	255.9142	31.2800	39.2800	51.3700	29.6912		
30/10/2017	96.1016	0.8859	0.3664	1.2277	3.1787	255.9070	32.1800	39.3100	51.4300	29.6912		
31/10/2017	96.0303	0.9133	0.3715	1.2534	2.9864	255.6644	37.1000	39.2300	51.3700	29.6912		

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Mínimo	94.6479	0.6383	0.2591	0.8996	2.8029	254.2717	23.8400	39.1700	51.3700	0.2360		
Promedio	95.6705	0.7681	0.3277	1.0731	3.3759	256.2084	53.5732	39.5506	51.6468	8.9096		
Máximo	96.2879	0.9133	0.3987	1.2534	3.9443	259.5520	319.0100	40.1300	52.0700	29.6912		
Desv. Est.	0.39225	0.07322	0.03279	0.09016	0.30207	1.37864	65.49404	0.24609	0.18787	13.51206		

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.
01/10/2017	94.6496	0.5779	0.2315	0.8188	3.3231	255.8317	34.5900	39.5900	51.6200	0.3171		
02/10/2017	94.3599	0.5520	0.2363	0.7949	3.3148	254.4697	20.5200	39.2500	51.2800	0.2360		
03/10/2017	94.2424	0.5620	0.2211	0.7879	3.5723	253.2731	22.2300	39.6800	51.6500	0.2180		
04/10/2017	94.1997	0.5076	0.2145	0.7281	3.3248	252.1703	9.8700	39.4100	51.4600	0.2180		
05/10/2017	94.7272	0.6070	0.2884	0.9205	3.0689	251.9445	18.7100	39.4800	51.5700	0.0288		
06/10/2017	94.7964	0.5651	0.2515	0.8232	2.9008	253.2798	13.3900	39.3400	51.4900	0.0288		
07/10/2017	94.2511	0.4616	0.2373	0.7444	3.0789	252.7066	21.7300	39.5100	51.6300	0.1009		
08/10/2017	94.8653	0.6001	0.2511	0.8758	3.0783	252.7780	13.1900	39.3500	51.4800	0.0828		
09/10/2017	94.8961	0.5861	0.2427	0.8320	2.8638	252.6124	10.9700	39.2100	51.4000	0.0378		
10/10/2017	94.8790	0.5237	0.2104	0.7828	3.0772	250.8912	18.0100	39.3700	51.5200	0.0378		
11/10/2017	94.6134	0.5959	0.2447	0.8870	2.7748	250.9639	20.2200	39.0200	51.1600	0.2090		
12/10/2017	95.7973	0.6477	0.2617	0.9439	2.4139	251.9258	28.1600	38.9900	51.2100	0.2090		
13/10/2017	95.3424	0.5630	0.2245	0.8114	2.4110	252.0171	28.1600	38.9900	51.2500	0.1279		
14/10/2017	94.6497	0.4926	0.2199	0.7613	2.8825	252.1270	26.7500	39.2300	51.4300	0.1099		
15/10/2017	95.1138	0.5304	0.2107	0.7788	2.8795	251.7850	27.5600	39.2000	51.4000	0.0919		
16/10/2017	95.4422	0.5876	0.2510	0.8396	2.4118	253.4715	24.3400	38.9900	51.2200	0.1459		
17/10/2017	95.4093	0.6558	0.2504	0.9092	2.6766	254.2294	27.5600	39.0500	51.2100	0.1099		
18/10/2017	95.2520	0.6046	0.2438	0.8677	3.0356	253.1273	29.2700	39.2500	51.3700	0.0288		
19/10/2017	94.9814	0.6809	0.2689	0.9685	2.8396	250.7429	28.2600	39.2400	51.3700	0.1009		
20/10/2017	95.1839	0.6670	0.2513	0.9304	2.8081	251.1644	26.2500	39.2200	51.3600	0.1009		
21/10/2017	95.4145	0.6483	0.2599	0.9135	2.6162	253.5237	27.3600	39.1400	51.3200	0.1279		
22/10/2017	95.4859	0.6409	0.2966	0.9385	2.5062	253.0180	28.6600	38.9700	51.1600	0.0738		
23/10/2017	95.5061	0.6615	0.3252	1.0124	2.7088	252.9902	21.7300	39.0800	51.2500	0.0738		
24/10/2017	95.1747	0.6245	0.2807	0.9284	2.8363	252.1075	29.1600	39.2400	51.4000	0.0738		
25/10/2017	95.2926	0.6340	0.2815	0.9425	2.7657	251.8569	28.8600	39.2200	51.3900	0.0738		
26/10/2017	95.1273	0.6120	0.2960	0.9387	2.6842	252.4837	29.3700	39.1500	51.3500	25.7266		
27/10/2017	95.1639	0.6016	0.2811	0.9023	2.8965	252.1414	27.6600	39.3000	51.4400	28.7811		
28/10/2017	95.2043	0.6905	0.2834	0.9924	2.7271	252.3997	27.8600	39.0900	51.2200	28.7811		
29/10/2017	95.3217	0.7597	0.3095	1.0699	2.7044	253.1952	28.1600	39.0800	51.2100	28.7901		
30/10/2017	95.2006	0.6923	0.2975	1.0454	2.4342	253.3515	28.4600	38.9700	51.1500	28.7901		
31/10/2017	95.4322	0.7290	0.2788	1.0688	2.4795	252.2934	25.7500	38.9500	51.1000	28.7901		

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Mínimo	94.1997	0.4616	0.2104	0.7281	2.4110	250.7429	9.8700	38.9500	51.1000	0.0288		
Promedio	95.0315	0.6085	0.2581	0.8890	2.8418	252.6088	24.2829	39.2116	51.3571	5.5685		
Máximo	95.7973	0.7597	0.3252	1.0699	3.5723	255.8317	34.5900	39.6800	51.6500	28.7901		
Desv. Est.	0.41355	0.06829	0.03065	0.09402	0.29534	1.08387	6.08686	0.19065	0.15091	11.32022		

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