

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.
01/09/2017	93.8517	0.7790	0.3119	1.0909	4.4103	254.8590	23.5600	39.7900	51.6600	0.1298		
02/09/2017	93.8650	0.7146	0.2880	1.0024	4.3978	254.8737	25.0200	39.8700	51.7600	0.1343		
03/09/2017	93.5809	0.6265	0.2334	0.8599	4.4963	253.6101	24.9400	40.1300	51.9900	0.1768		
04/09/2017	93.4422	0.6658	0.2528	0.9185	4.6930	251.4241	25.4600	40.0900	51.9400	0.4592		
05/09/2017	93.3562	0.7911	0.2574	1.0484	4.7920	251.1327	23.2000	40.0000	51.7900	0.5882		
06/09/2017	93.4224	0.8351	0.2334	1.0685	4.8930	254.4986	22.2700	39.9200	51.7300	0.4550		
07/09/2017	93.3452	0.8230	0.2476	1.0706	4.9883	255.7231	23.4500	39.9100	51.7500	0.4174		
08/09/2017	93.4504	0.7985	0.2419	1.0404	4.9010	255.7787	24.8700	39.9200	51.7500	0.2842		
09/09/2017	93.4664	0.7737	0.2370	1.0108	4.9036	255.9666	23.9700	39.9400	51.7800	0.2585		
10/09/2017	93.4125	0.8098	0.2402	1.0500	4.9474	256.2565	24.0300	39.9200	51.7500	0.2215		
11/09/2017	93.0366	0.7631	0.2397	1.0027	5.2363	256.4447	23.8300	40.1100	51.9000	0.1634		
12/09/2017	92.8785	0.7592	0.2388	0.9979	5.5086	255.2462	22.5300	40.1000	51.8900	0.4025		
13/09/2017	93.0406	0.7672	0.2083	0.9755	5.2682	255.3941	20.6000	40.1000	51.8800	0.5895		
14/09/2017	93.2082	0.7117	0.1954	0.9071	5.0989	256.0584	20.8200	40.1300	51.9700	0.6136		
15/09/2017	93.2250	0.6956	0.1881	0.8838	5.0107	256.2304	21.0700	40.1600	51.9700	0.6085		
16/09/2017	93.4676	0.6665	0.2010	0.8675	4.7954	255.5329	22.0300	40.1000	51.9800	0.5862		
17/09/2017	93.6543	0.6267	0.1941	0.8208	4.5952	256.1625	21.3600	40.1100	52.0100	0.5685		
18/09/2017	93.8074	0.7543	0.2073	0.9616	4.5319	257.8896	22.8800	39.8900	51.7900	0.6139		
19/09/2017	94.0754	0.8020	0.2495	1.0515	4.4324	257.8702	25.2300	39.6600	51.6100	0.6396		
20/09/2017	94.7166	0.7021	0.2600	0.9621	3.7851	257.5624	26.5000	39.5900	51.6300	0.4981		
21/09/2017	94.5894	0.6870	0.2179	0.9049	3.8438	257.4280	26.5800	39.6800	51.7100	0.5311		
22/09/2017	95.0715	0.6647	0.2148	0.8796	3.5251	259.9199	25.5600	39.5200	51.6300	0.9144		
23/09/2017	94.9955	0.6218	0.2358	0.8576	3.5546	260.4633	25.4000	39.5900	51.7000	0.8924		
24/09/2017	94.4304	0.6805	0.2500	0.9304	3.9950	258.7377	26.2100	39.7000	51.7300	0.8062		
25/09/2017	94.4750	0.6843	0.2423	0.9266	3.9631	258.2505	26.8600	39.6900	51.7200	0.6871		
26/09/2017	94.7998	0.6652	0.2375	0.9026	3.6953	259.5386	28.1900	39.6100	51.6500	0.5444		
27/09/2017	94.5679	0.6853	0.2495	0.9349	3.8846	258.7013	26.6600	39.6600	51.7000	0.5860		
28/09/2017	94.0953	0.6420	0.2405	0.8825	4.1966	255.5891	26.7700	39.9200	51.8500	0.5428		
29/09/2017	94.7354	0.5552	0.2207	0.7758	3.6236	259.1560	24.9400	39.8400	51.8900	0.5624		
30/09/2017	94.6478	0.6003	0.2426	0.8429	3.6917	258.1215	30.8700	39.7900	51.8100	0.4842		

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

Mínimo	92.8785	0.5552	0.1881	0.7758	3.5251	251.1327	20.6000	39.5200	51.6100	0.1298		
Promedio	93.8904	0.7117	0.2359	0.9476	4.4553	256.4807	24.5220	39.8813	51.7973	0.4987		
Máximo	95.0715	0.8351	0.3119	1.0909	5.5086	260.4633	30.8700	40.1600	52.0100	0.9144		
Desv. Est.	0.65384	0.07279	0.02639	0.08367	0.57947	2.22606	2.33107	0.19632	0.11962	0.20735		

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.
01/09/2017	94.0836	0.8540	0.3865	1.1872	4.8331	256.4683	46.9500	39.9600	51.7500	0.2811		
02/09/2017	94.0537	0.7812	0.3357	1.0668	4.5162	256.0467	39.2100	39.9800	51.8600	0.2090		
03/09/2017	93.7566	0.7236	0.2862	1.0031	4.7622	255.4595	47.4600	40.2300	52.0900	0.2540		
04/09/2017	93.8601	0.8219	0.3278	1.1390	4.9438	253.8301	31.7800	40.3400	52.1600	0.6956		
05/09/2017	93.6915	0.9302	0.3065	1.1770	5.2144	253.5294	24.8400	40.1400	51.9500	0.6685		
06/09/2017	93.5919	0.9345	0.2617	1.1758	5.2163	257.2194	23.5400	40.0200	51.8100	0.6055		
07/09/2017	93.4849	0.8337	0.2587	1.0876	5.2563	256.9486	25.0400	40.0300	51.8100	0.5153		
08/09/2017	93.5393	0.8407	0.2553	1.0909	4.9968	256.9739	25.4500	39.9700	51.8200	0.4883		
09/09/2017	93.5213	0.8079	0.2561	1.0468	4.9906	257.1074	33.9900	39.9900	51.8300	0.3532		
10/09/2017	93.5172	0.8335	0.2611	1.0882	5.0787	257.9863	27.2600	40.0100	51.8000	0.3081		
11/09/2017	95.1498	0.8739	0.2605	1.1059	5.5665	259.8233	26.4500	40.2900	52.0200	0.2540		
12/09/2017	93.0549	0.8106	0.2777	1.0594	5.8319	257.2975	25.6500	40.2900	52.0300	0.5424		
13/09/2017	93.1901	0.8475	0.2452	1.0886	5.5137	256.5389	21.5300	40.1700	51.9800	0.7046		
14/09/2017	93.3322	0.7445	0.2129	0.9548	5.2264	257.0023	23.0300	40.1700	51.9800	0.7316		
15/09/2017	93.3605	0.7601	0.2038	0.9562	5.2101	257.4004	22.1300	40.2400	52.0600	0.7316		
16/09/2017	93.7800	0.6954	0.2169	0.8995	5.1572	257.8671	26.7500	40.2200	52.0500	0.6595		
17/09/2017	93.9496	0.7041	0.2205	0.9144	4.8409	257.6125	23.8400	40.2400	52.1400	0.7316		
18/09/2017	94.0096	0.8148	0.2256	1.0359	4.9732	258.8515	36.9000	40.0500	51.9500	0.7316		
19/09/2017	94.9618	0.8921	0.3030	1.1552	4.9047	259.2583	51.4800	39.9500	51.8600	0.7586		
20/09/2017	95.2428	0.8211	0.3048	1.0850	3.9920	259.3784	48.7600	39.7900	51.7900	0.6775		
21/09/2017	95.6214	0.7612	0.2432	1.0002	4.4085	260.7077	52.0800	39.9100	51.8200	0.6415		
22/09/2017	97.6569	0.8198	0.2552	1.0578	4.5537	264.7214	51.1700	39.9100	51.8200	1.4614		
23/09/2017	97.1744	0.7166	0.2722	0.9777	4.5247	264.4339	52.3800	39.9000	51.8200	1.3533		
24/09/2017	94.9838	0.7082	0.2651	0.9632	4.1697	260.7671	51.5800	39.7700	51.7500	1.0920		
25/09/2017	94.6447	0.7041	0.2537	0.9566	4.0949	259.5633	37.7100	39.7700	51.7500	0.7947		
26/09/2017	94.9500	0.6821	0.2471	0.9254	3.8469	260.2564	32.3800	39.6500	51.6900	0.6325		
27/09/2017	95.6808	0.7708	0.2735	1.0369	4.3719	261.9551	39.4200	39.8800	51.8000	0.7586		
28/09/2017	94.5456	0.7006	0.2694	0.9673	4.4497	258.7250	29.5700	40.0800	51.9800	0.6956		
29/09/2017	98.4432	0.6641	0.2760	0.9308	4.0948	268.5424	27.0500	40.0300	52.0200	0.7947		
30/09/2017	95.8092	0.6460	0.2670	0.9131	3.9303	262.0342	42.7300	39.9600	51.9400	0.6325		

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Mínimo	93.0549	0.6460	0.2038	0.8995	3.8469	253.5294	21.5300	39.6500	51.6900	0.2090		
Promedio	94.5547	0.7833	0.2676	1.0349	4.7823	258.8102	34.9370	40.0313	51.9043	0.6586		
Máximo	98.4432	0.9345	0.3865	1.1872	5.8319	268.5424	52.3800	40.3400	52.1600	1.4614		
Desv. Est.	1.34944	0.07775	0.03855	0.08600	0.51820	3.20682	10.88543	0.17415	0.12784	0.28493		

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.
01/09/2017	93.3830	0.7160	0.2471	0.9975	4.2058	252.5531	20.0200	39.7200	51.5700	0.0108		
02/09/2017	93.7053	0.6698	0.2477	0.9460	4.2450	253.5639	23.3400	39.8000	51.6900	0.0108		
03/09/2017	93.3116	0.5645	0.2080	0.7902	4.3837	251.6764	17.3100	39.9200	51.7900	0.0828		
04/09/2017	93.1139	0.4728	0.1973	0.6854	4.3269	249.0508	17.4100	39.9100	51.7000	0.1099		
05/09/2017	92.9169	0.6735	0.2198	0.9397	4.4093	247.9852	21.7300	39.8000	51.5900	0.4793		
06/09/2017	93.1118	0.7758	0.2067	1.0097	4.7430	252.1132	20.9200	39.8400	51.6100	0.3171		
07/09/2017	93.0803	0.8067	0.2324	1.0472	4.8629	254.2280	21.2300	39.8600	51.6900	0.3081		
08/09/2017	93.3506	0.7536	0.2140	0.9842	4.7829	254.3854	24.0400	39.8600	51.6900	0.3081		
09/09/2017	93.3610	0.7481	0.2166	0.9754	4.8210	254.5880	23.0300	39.8900	51.7400	0.1910		
10/09/2017	93.2374	0.7984	0.2245	1.0263	4.8728	255.1623	23.1300	39.8800	51.7200	0.1009		
11/09/2017	92.6361	0.5148	0.1722	0.6870	3.4873	252.9456	13.0800	39.7100	51.6900	0.0738		
12/09/2017	92.4627	0.6871	0.1916	0.9287	5.3341	253.5991	20.0200	40.0200	51.8100	0.1730		
13/09/2017	92.8173	0.7149	0.1842	0.9061	5.1485	253.9650	19.2200	40.0000	51.7700	0.4433		
14/09/2017	93.0522	0.6896	0.1832	0.8749	5.0097	254.7654	19.9200	40.0800	51.9200	0.4072		
15/09/2017	93.0719	0.6436	0.1678	0.8126	4.8517	254.9500	19.8200	40.0800	51.9000	0.4793		
16/09/2017	93.0804	0.6400	0.1746	0.8250	4.4954	253.2867	10.9700	40.0200	51.9100	0.4973		
17/09/2017	93.4450	0.5501	0.1649	0.7296	4.3413	253.7473	19.1100	39.9800	51.8800	0.4343		
18/09/2017	93.4702	0.6031	0.1877	0.8166	4.2770	256.0786	20.8200	39.7700	51.6700	0.4523		
19/09/2017	93.5738	0.7028	0.1861	0.8895	3.6662	256.3272	15.3000	39.3300	51.3900	0.5153		
20/09/2017	94.3829	0.6513	0.2114	0.8759	3.4322	255.9147	16.9000	39.2800	51.4000	0.3802		
21/09/2017	94.0148	0.6155	0.1962	0.8134	3.0240	255.4842	18.0100	39.4000	51.5900	0.3802		
22/09/2017	93.8076	0.4290	0.1521	0.5838	1.4256	255.7268	15.5000	38.9000	51.4800	0.5153		
23/09/2017	93.8315	0.4415	0.1728	0.6209	1.8052	256.5474	19.1100	39.0500	51.5400	0.5244		
24/09/2017	94.2296	0.6232	0.2348	0.8586	3.5574	257.1810	15.3000	39.5800	51.6800	0.6235		
25/09/2017	94.3304	0.6729	0.2314	0.9066	3.8365	256.7073	16.8000	39.6400	51.6800	0.5334		
26/09/2017	94.6221	0.6511	0.2206	0.8780	3.5851	258.0374	26.7500	39.5700	51.6500	0.4252		
27/09/2017	93.9225	0.5672	0.2102	0.7844	3.0194	255.2153	24.6400	39.4100	51.6100	0.4252		
28/09/2017	93.7397	0.6082	0.1991	0.8148	3.8658	253.0039	24.8400	39.7900	51.7800	0.3982		
29/09/2017	94.2122	0.1696	0.1018	0.2789	0.7261	254.4533	22.8300	39.0900	51.7700	0.3802		
30/09/2017	94.3174	0.4758	0.2023	0.6854	2.7704	255.8598	26.3500	39.5700	51.7400	0.3622		

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Mínimo	92.4627	0.1696	0.1018	0.2789	0.7261	247.9852	10.9700	38.9000	51.3900	0.0108		
Promedio	93.5197	0.6210	0.1986	0.8324	3.9104	254.3034	19.9150	39.6917	51.6883	0.3448		
Máximo	94.6221	0.8067	0.2477	1.0472	5.3341	258.0374	26.7500	40.0800	51.9200	0.6235		
Desv. Est.	0.55725	0.13217	0.03066	0.15904	1.10811	2.19202	3.82801	0.31617	0.13427	0.17146		

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