

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.
01/08/2016	92.2050	0.4718	2.5724	3.0443	4.4217	256.6684	41.4400	38.8000	50.2800	2.2333		
02/08/2016	91.3903	0.4653	2.5974	3.0628	5.2492	256.7727	39.2000	39.0200	50.4000	2.2749		
03/08/2016	91.6810	0.4631	2.4354	2.8983	5.0970	256.7636	39.6200	39.0300	50.4900	2.2821		
04/08/2016	92.2464	0.5668	2.0989	2.6658	4.7553	257.4680	39.9700	39.0500	50.5700	1.9066		
05/08/2016	92.7810	0.5302	2.2240	2.7543	4.1362	257.5470	40.8800	38.8300	50.4200	2.1214		
06/08/2016	92.5565	0.4370	2.7939	3.2307	3.8926	257.7305	38.6500	38.5700	50.0700	2.7181		
07/08/2016	92.8717	0.5139	2.2157	2.7295	4.0826	257.0002	37.7500	38.8200	50.4200	2.6439		
08/08/2016	92.9418	0.6529	1.5238	2.1766	4.5759	257.2811	40.2100	39.1600	50.8400	3.5259		
09/08/2016	92.5858	0.7151	1.5559	2.2710	4.8213	257.6816	36.1800	39.2100	50.8100	2.4551		
10/08/2016	92.1465	0.6576	1.9625	2.6201	4.9038	257.0385	36.8900	39.1100	50.6100	2.5413		
11/08/2016	92.1757	0.6755	1.9213	2.5968	4.9142	256.6416	37.2900	39.1100	50.6100	2.3240		
12/08/2016	92.2813	0.7211	1.7877	2.5087	4.9015	256.6270	36.6600	39.1300	50.6500	2.2928		
13/08/2016	92.3712	0.7125	1.8282	2.5406	4.7971	256.6056	35.5100	39.0800	50.6200	2.4131		
14/08/2016	92.5979	0.7647	1.4953	2.2599	4.8294	256.5450	34.1800	39.2000	50.7900	2.2469		
15/08/2016	92.9082	0.7435	1.3826	2.1259	4.6633	256.8087	32.9700	39.2100	50.8700	2.2736		
16/08/2016	93.0691	0.7735	1.2733	2.0468	4.5914	257.0471	30.7200	39.2200	50.8900	2.1539		
17/08/2016	93.2911	0.7911	1.2272	2.0184	4.3837	257.5330	28.5700	39.1600	50.8800	1.8967		
18/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	189.2051	25.8400	38.5700	51.5100	2.0494		
19/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	26.6000	38.4500	51.6200	2.1933		
20/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	25.4600	38.4500	51.6200	2.6897		
21/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	25.0300	38.4500	51.6200	1.8808		
22/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.6400	38.4500	51.6200	1.7263		
23/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.8500	38.4500	51.6200	2.0812		
24/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.9200	38.4500	51.6200	1.9344		
25/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.8200	38.4500	51.6200	1.8941		
26/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.6100	38.4500	51.6200	2.0795		
27/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.9400	38.4500	51.6200	1.8199		
28/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	24.0100	38.4500	51.6200	1.6907		
29/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	24.2000	38.4500	51.6200	1.5369		
30/08/2016	98.9472	0.1372	0.1762	0.3135	0.6906	175.6020	23.6600	38.4500	51.6200	1.5735		
31/08/2016	99.9911	0.1372	0.1762	0.3135	0.6906	175.6066	23.4300	38.4300	51.6000	1.8508		

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

Mínimo	91.3903	0.1372	0.1762	0.3135	0.6906	175.6020	23.4300	38.4300	50.0700	1.5369		
Promedio	95.4324	0.4057	1.1407	1.5464	2.8608	220.7031	31.2161	38.7777	51.0571	2.1711		
Máximo	99.9911	0.7911	2.7939	3.2307	5.2492	257.7305	41.4400	39.2200	51.6200	3.5259		
Desv. Est.	3.33568	0.26383	0.95841	1.16920	2.01973	40.77987	6.87881	0.32526	0.53893	0.39982		

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.
01/08/2016	93.5276	0.5009	2.8161	3.2583	5.3465	260.4615	45.2400	39.0600	50.4700	3.6870		
02/08/2016	92.2293	0.6042	3.1449	3.5176	5.5927	259.5993	43.2300	39.1300	50.6000	3.5519		
03/08/2016	92.1223	0.5315	2.8070	3.2396	5.5489	260.0870	46.9500	39.1000	50.5900	3.2095		
04/08/2016	92.4848	0.6374	2.4237	2.9623	4.9452	260.5716	42.5300	39.1600	50.6600	2.7229		
05/08/2016	95.1749	0.7958	3.3166	3.7014	5.0292	260.4110	44.3400	39.2900	51.4000	3.3807		
06/08/2016	97.0727	0.5191	3.4664	3.8531	4.2608	263.7558	42.4300	38.8800	51.3400	4.6602		
07/08/2016	93.2733	0.5503	2.4951	3.0121	4.3703	258.0793	41.3300	39.0100	50.6700	4.1466		
08/08/2016	93.4254	0.7859	1.9328	2.5208	4.8459	260.2252	44.3400	39.5300	51.2200	7.2642		
09/08/2016	93.6502	0.7891	1.9395	2.5582	5.7021	260.2023	40.4200	39.4500	50.9500	3.4257		
10/08/2016	93.0181	0.7938	2.2653	2.9178	5.6001	260.6685	42.8300	39.3500	51.0400	3.7771		
11/08/2016	92.9516	0.7350	2.1023	2.7488	5.4148	259.7032	41.5300	39.2400	50.8100	2.9031		
12/08/2016	92.5285	0.7746	1.9991	2.6813	5.3958	260.2564	41.6300	39.3600	50.7400	2.8851		
13/08/2016	92.6803	0.7747	2.0166	2.7085	5.5259	258.9488	38.6100	39.2600	50.7900	3.3086		
14/08/2016	92.9254	0.8155	1.7285	2.4503	4.9966	257.8284	38.0100	39.3300	50.9600	2.7770		
15/08/2016	93.2076	0.8146	1.6462	2.3509	4.8316	260.1667	37.2000	39.3000	50.9700	3.0473		
16/08/2016	93.2840	0.8169	1.6056	2.3025	4.7139	260.1367	34.8900	39.2800	50.9600	2.5697		
17/08/2016	93.5952	0.8367	1.3776	2.1603	4.7062	259.6097	31.6800	39.2400	50.9500	2.3805		
18/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	258.8110	28.0600	39.1600	51.6200	2.7499		
19/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	28.2600	38.4500	51.6200	3.0383		
20/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	27.7600	38.4500	51.6200	5.1918		
21/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	26.4500	38.4500	51.6200	2.4166		
22/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	26.6500	38.4500	51.6200	2.0201		
23/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	46.9500	38.4500	51.6200	2.6148		
24/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	40.3200	38.4500	51.6200	2.3264		
25/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	28.9600	38.4500	51.6200	2.2994		
26/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	25.3500	38.4500	51.6200	2.7860		
27/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	25.7500	38.4500	51.6200	2.1102		
28/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	28.0600	38.4500	51.6200	2.2183		
29/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	25.7500	38.4500	51.6200	1.8489		
30/08/2016	93.5952	0.8488	1.1276	1.9340	4.2060	175.6020	25.6500	38.4500	51.6200	1.9750		
31/08/2016	93.5952	0.0334	1.1276	0.0334	4.2060	175.6510	25.2500	38.4500	51.6200	2.6148		

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

Mínimo	92.1223	0.0334	1.1276	0.0334	4.2060	175.6020	25.2500	38.4500	50.4700	1.8489		
Promedio	93.4672	0.7466	1.7700	2.3909	4.7003	224.5935	35.6906	38.9026	51.2194	3.0938		
Máximo	97.0727	0.8488	3.4664	3.8531	5.7021	263.7558	46.9500	39.5300	51.6200	7.2642		
Desv. Est.	0.87382	0.17375	0.74795	0.73674	0.56097	42.33026	7.81797	0.40883	0.41657	1.09212		

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.
01/08/2016	91.0033	0.4366	2.3073	2.8039	3.0738	254.9224	34.6900	38.3400	49.9800	1.4164		
02/08/2016	90.5607	0.3653	2.1509	2.6691	4.6854	255.5822	31.9800	38.8500	50.1300	1.6417		
03/08/2016	90.9194	0.4248	2.2300	2.6994	4.8089	255.4319	32.2800	38.9900	50.3400	1.6957		
04/08/2016	91.8411	0.4897	1.9508	2.5590	4.5697	256.0155	32.6800	38.9300	50.3800	1.5065		
05/08/2016	91.7931	0.3849	0.2542	1.0461	3.4297	256.2988	34.7900	38.3300	49.7300	1.1371		
06/08/2016	91.7200	0.3728	0.2953	0.8102	1.8587	255.6653	35.1900	38.3500	49.6900	1.7137		
07/08/2016	92.4796	0.4506	1.8681	2.4025	3.5243	255.6071	34.0900	38.6000	50.2100	1.7227		
08/08/2016	92.5728	0.5410	0.9728	1.7335	4.3189	256.0688	37.2000	38.9600	50.5900	2.0291		
09/08/2016	91.3784	0.6049	1.2133	1.9576	4.0973	256.1173	28.8600	39.0600	50.6900	1.9480		
10/08/2016	91.1681	0.6230	1.0938	1.8876	4.6169	255.4977	29.1600	38.9600	50.3900	1.8849		
11/08/2016	91.5942	0.6331	1.4627	2.1832	4.5718	254.9797	30.7700	39.0500	50.5200	1.9300		
12/08/2016	91.4766	0.6621	1.6204	2.3704	4.7096	255.4849	29.8700	39.0300	50.5400	1.8309		
13/08/2016	91.5085	0.6607	1.5063	2.2587	4.6213	255.5500	28.5600	38.9700	50.4700	1.6597		
14/08/2016	92.3467	0.7149	1.2583	2.0517	4.6963	255.1807	26.9500	39.1200	50.6800	1.9120		
15/08/2016	92.7022	0.6968	1.2227	1.9871	4.5273	254.9203	26.5500	39.1000	50.7200	1.7588		
16/08/2016	92.8348	0.6935	1.1420	1.9423	4.4758	255.2719	29.2700	39.1000	50.7400	1.7858		
17/08/2016	92.8638	0.7279	1.0603	1.8834	4.1618	255.7160	26.6500	39.1000	50.8100	1.7858		
18/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	24.3400	38.4500	50.9000	1.5335		
19/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	25.5500	38.4500	51.6200	1.6146		
20/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	24.2400	38.4500	51.6200	1.3263		
21/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	23.8400	38.4500	51.6200	1.2632		
22/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	12.4800	38.4500	51.6200	1.4254		
23/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	14.9900	38.4500	51.6200	1.5335		
24/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	13.2900	38.4500	51.6200	1.4885		
25/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	22.2300	38.4500	51.6200	1.3984		
26/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	12.8800	38.4500	51.6200	1.4344		
27/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	22.9300	38.4500	51.6200	1.5245		
28/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	22.7300	38.4500	51.6200	1.1821		
29/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	22.8300	38.4500	51.6200	1.3173		
30/08/2016	93.5749	0.7279	1.0603	1.8834	4.1618	175.6020	21.2300	38.4500	51.6200	1.1100		
31/08/2016	99.9666	0.7279	1.0603	1.8834	4.1618	175.6020	21.6300	38.4400	51.5900	1.1100		

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

Mínimo	90.5607	0.3653	0.2542	0.8102	1.8587	175.6020	12.4800	38.3300	49.6900	1.1100		
Promedio	92.8130	0.6346	1.2404	1.9875	4.1617	219.4432	26.2816	38.6816	50.9206	1.5684		
Máximo	99.9666	0.7279	2.3073	2.8039	4.8089	256.2988	37.2000	39.1200	51.6200	2.0291		
Desv. Est.	1.67304	0.12872	0.46784	0.40462	0.56929	40.44401	6.72036	0.29741	0.65802	0.26187		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE