

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

PERMISIONARIO:	NATGASMEX, S.A. DE C.V.	 Energía de México
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.
01/03/2015	89.6670	0.3398	2.9913	3.3310	6.0763	260.8610	90.1633	39.6117	50.5782	1.9082		
02/03/2015	89.4279	0.2660	3.5628	3.8288	6.1003	236.3614	84.2416	39.21688	50.1479	1.7974		
03/03/2015	88.7453	0.1641	4.4012	4.5652	6.1521	272.0441	69.1699	38.8899	49.6587	1.9743		
04/03/2015	88.4350	0.2798	3.8147	4.0945	6.4863	263.6501	84.8565	39.4712	50.1780	1.8670		
05/03/2015	87.3612	0.2166	4.3401	4.5567	6.9322	282.4848	108.7419	39.5644	50.0478	2.1168		
06/03/2015	87.9621	0.2636	3.5694	3.8330	6.9333	284.3859	135.7784	39.9345	50.5643	1.9691		
07/03/2015	87.6709	0.2639	3.7049	3.9689	7.0357	283.9586	132.3994	39.9453	50.5116	1.7546		
08/03/2015	87.9887	0.2782	3.7428	4.0210	6.8072	279.1549	130.0943	39.7458	50.3702	1.8050		
09/03/2015	88.2287	0.2023	4.2582	4.4605	6.4693	272.6071	102.5773	39.2249	49.8926	1.6359		
10/03/2015	88.2643	0.2411	4.0186	4.2597	6.5692	250.4222	112.0776	39.3736	50.0581	1.8366		
11/03/2015	88.3748	0.1445	4.6078	4.7522	6.3529	254.2687	116.8703	38.8628	49.5665	1.5338		
12/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	110.6281	38.7721	49.5398	1.4556		
13/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	103.1199	38.7721	49.5398	1.5009		
14/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	90.6872	38.7721	49.5398	1.4943		
15/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	84.2363	38.7721	49.5398	1.3929		
16/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	94.5153	38.7721	49.5398	1.5346		
17/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	127.7218	38.7721	49.5398	1.6860		
18/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	152.1859	38.7721	49.5398	1.6463		
19/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	139.7034	38.7721	49.5398	1.8280		
20/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	134.5462	38.7721	49.5398	1.8183		
21/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	121.5025	38.7721	49.5398	1.8577		
22/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	124.2659	38.7721	49.5398	1.8830		
23/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	131.8875	38.7721	49.5398	1.9349		
24/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	141.8551	38.7721	49.5398	1.7486		
25/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
26/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
27/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
28/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
29/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
30/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		
31/03/2015	88.6605	0.1471	4.5409	4.6881	6.2376	209.5308	118.0955	38.7721	49.5398	1.2871		

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

Mínimo	87.3612	0.1445	2.9913	3.3310	6.0763	209.5308	69.1699	38.7721	49.5398	1.2871		
Promedio	88.5592	0.1807	4.3171	4.4978	6.3441	230.0263	114.5321	39.0092	49.7539	1.6448		
Máximo	89.6670	0.3398	4.6078	4.7522	7.0357	284.3859	152.1859	39.9453	50.5782	2.1168		
Desv. Est.	0.42323	0.05633	0.40944	0.35475	0.24948	29.51511	19.65448	0.38909	0.35518	0.25679		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

PERMISIONARIO:	NATGASMEX, S.A. DE C.V.	 Energía de México
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.
01/03/2015	90.2874	0.4081	4.7820	5.1901	6.5001	310.1102	119.1476	39.9672	50.9055	2.4902		
02/03/2015	89.8709	0.3417	4.7932	5.1349	6.3106	298.4798	127.8825	39.4313	50.4218	2.5518		
03/03/2015	93.1811	0.2633	4.8485	5.1118	6.3651	312.5899	93.9244	39.3583	50.4608	3.1149		
04/03/2015	89.3942	0.3644	4.8308	5.1952	7.0420	310.4930	103.2481	39.7365	50.4721	2.5958		
05/03/2015	88.6500	0.2895	4.8718	5.1612	7.5131	315.3951	156.6388	40.1173	50.4558	3.9333		
06/03/2015	88.7057	0.3134	4.0362	4.3496	7.2522	315.4613	172.2438	40.3699	50.9972	2.9214		
07/03/2015	88.2296	0.3084	4.0899	4.3984	7.6209	312.3631	166.2570	40.4603	50.8543	2.5254		
08/03/2015	89.4095	0.3591	5.6242	5.9833	8.0318	312.1871	165.0793	40.2167	50.6821	2.7190		
09/03/2015	88.6688	0.2442	4.7908	5.0349	6.6144	312.3589	153.4982	39.4540	50.0877	1.9446		
10/03/2015	88.8957	0.3230	4.7944	5.1174	6.7846	300.5911	132.7897	39.6250	50.3026	2.5782		
11/03/2015	88.6885	0.1903	4.7938	4.9841	6.7224	298.7989	142.7023	39.2376	49.8125	2.0238		
12/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.1667	39.0997	49.8662	2.0766		
13/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	119.1476	39.0997	49.8662	1.8918		
14/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	321.5218	39.0997	49.8662	3.5989		
15/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	103.1500	39.0997	49.8662	1.8390		
16/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	118.9513	39.0997	49.8662	2.3142		
17/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	148.1984	39.0997	49.8662	2.2262		
18/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	199.0373	39.0997	49.8662	2.4286		
19/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	177.5436	39.0997	49.8662	2.5694		
20/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	167.4347	39.0997	49.8662	2.2526		
21/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	143.7819	39.0997	49.8662	2.3054		
22/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	147.9040	39.0997	49.8662	2.3318		
23/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	158.1110	39.0997	49.8662	2.4198		
24/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	320.6385	39.0997	49.8662	2.1910		
25/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
26/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
27/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
28/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
29/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
30/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		
31/03/2015	88.8354	0.2165	4.8005	5.0170	6.4407	286.1661	155.8537	39.0997	49.8662	2.4990		

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

Mínimo	88.2296	0.1903	4.0362	4.3496	6.3106	286.1661	93.9244	39.0997	49.8125	1.8390		
Promedio	89.0545	0.2495	4.7827	5.0323	6.6313	294.2629	158.2250	39.3538	50.0895	2.4947		
Máximo	93.1811	0.4081	5.6242	5.9833	8.0318	315.4613	321.5218	40.4603	50.9972	3.9333		
Desv. Est.	0.85030	0.05744	0.24267	0.24977	0.41721	11.70797	49.18004	0.42822	0.36854	0.43793		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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.
01/03/2015	88.6804	0.1024	2.4932	2.5956	5.5131	223.9563	79.9879	38.6321	49.3819	1.5047		
02/03/2015	88.6856	0.1004	3.0707	3.1712	5.9548	204.7949	63.3033	38.6013	49.3604	1.3727		
03/03/2015	88.1174	0.0999	2.4220	2.5219	3.7606	250.4170	55.4517	38.5745	49.3411	1.1263		
04/03/2015	86.9550	0.1004	3.3084	3.4087	5.9586	228.7839	77.8287	38.6041	49.3619	1.4695		
05/03/2015	86.3708	0.1016	3.8811	3.9826	6.1273	270.9711	86.4654	38.6382	49.3819	1.5487		
06/03/2015	87.2895	0.1968	3.0949	3.2918	6.7048	278.2949	125.6251	39.5914	50.2068	1.4959		
07/03/2015	86.8103	0.1965	3.4139	3.6104	6.7178	277.2178	115.5162	39.5986	50.1878	1.3199		
08/03/2015	84.6174	0.0463	3.0632	3.1096	5.9901	266.4389	118.0680	39.3481	49.7583	1.3463		
09/03/2015	87.9148	0.1013	3.9988	4.1001	6.1227	258.0934	86.7599	38.6241	49.3742	1.3815		
10/03/2015	87.7619	0.1001	3.5302	3.6304	6.1155	220.1617	103.0519	38.6013	49.3599	1.4431		
11/03/2015	87.6883	0.1000	4.4545	4.5545	6.1016	221.0493	98.1446	38.6002	49.3594	1.1703		
12/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	87.4469	38.5697	49.3392	1.2231		
13/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	95.1021	38.5697	49.3392	1.1615		
14/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	95.1021	38.5697	49.3392	1.1615		
15/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	78.5157	38.5697	49.3392	1.1087		
16/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	82.3433	38.5697	49.3392	1.0735		
17/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	111.0016	38.5697	49.3392	1.2319		
18/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	137.3043	38.5697	49.3392	1.1879		
19/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	123.5641	38.5697	49.3392	1.3815		
20/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	100.3038	38.5697	49.3392	1.4959		
21/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	97.7521	38.5697	49.3392	1.5399		
22/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	114.4366	38.5697	49.3392	1.5927		
23/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	108.5480	38.5697	49.3392	1.6103		
24/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	108.5480	38.5697	49.3392	1.6103		
25/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
26/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
27/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
28/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
29/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
30/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		
31/03/2015	88.3411	0.0962	4.1221	4.2182	6.0640	183.9813	76.6510	38.5697	49.3392	0.0176		

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Mínimo	84.6174	0.0463	2.4220	2.5219	3.7606	183.9813	55.4517	38.5697	49.3392	0.0176		
Promedio	87.9908	0.1022	3.8443	3.9465	6.0112	205.8002	93.1203	38.6712	49.4148	1.0542		
Máximo	88.6856	0.1968	4.4545	4.5545	6.7178	278.2949	137.3043	39.5986	50.2068	1.6103		
Desv. Est.	0.82747	0.02690	0.52058	0.51504	0.46191	33.57801	19.64164	0.28312	0.22197	0.58941		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ