



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.
01/01/2017	92.5985	0.3980	3.7944	4.1925	2.9166	258.6207	26.1800	37.9000	49.2500	1.3123	<10.8	0.00
02/01/2017	93.5986	0.5383	2.5864	3.1248	2.9904	258.8438	24.9100	38.3300	49.9500	1.1287		
03/01/2017	92.4138	0.4280	3.6841	4.1122	3.1755	257.5345	23.2700	37.9900	49.3400	1.3142		
04/01/2017	92.2494	0.4513	3.3946	3.8460	3.6176	257.2315	24.9800	38.2200	49.5800	1.1009		
05/01/2017	91.9076	0.4118	3.8988	4.3105	3.4944	256.7167	26.6500	38.0000	49.2600	1.1886		
06/01/2017	92.6927	0.4763	3.3280	3.8043	3.2079	257.5000	25.6400	38.1300	49.5400	1.1575		
07/01/2017	91.9917	0.4173	3.6792	4.0966	3.6119	257.0185	24.5700	38.1300	49.4300	1.1014		
08/01/2017	92.6415	0.4534	3.0598	3.5131	3.5346	257.1097	24.2900	38.3500	49.8100	1.0506		
09/01/2017	91.6405	0.3985	3.9656	4.3644	3.6723	256.5370	23.1000	38.0700	49.2800	1.0064		
10/01/2017	92.8154	0.4999	2.7661	3.2661	3.6158	256.5481	21.8100	38.4500	49.9700	0.8446		
11/01/2017	93.1045	0.6180	2.0134	2.6314	3.9552	255.8050	21.5300	38.8000	50.4200	0.7259		
12/01/2017	93.1990	0.6356	1.8003	2.4359	4.0744	256.1711	21.3800	38.9000	50.5700	0.8746		
13/01/2017	93.8262	0.6095	2.0841	2.6935	3.1792	256.0648	20.6800	38.5500	50.2600	1.0077		
14/01/2017	93.8699	0.5877	2.0727	2.6601	3.1976	256.1144	20.0400	38.5600	50.2800	0.9894		
15/01/2017	94.4591	0.6578	1.5196	2.1776	3.0766	255.7624	19.7300	38.7000	50.5700	0.8836		
16/01/2017	94.2593	0.6250	1.7007	2.3259	3.0638	256.9124	19.5300	38.6900	50.5000	0.9504		
17/01/2017	94.2279	0.5928	1.9340	2.5268	2.9531	257.0273	20.7600	38.5400	50.3400	1.1038		
18/01/2017	93.9892	0.5757	2.1001	2.6756	3.0374	256.2842	21.0600	38.5100	50.2500	1.0677		
19/01/2017	94.1660	0.6252	1.7398	2.3650	3.1776	255.9857	20.5600	38.6700	50.4800	1.0593		
20/01/2017	94.2950	0.6063	1.7143	2.3205	3.1071	256.1379	20.3400	38.6600	50.4900	1.0605		
21/01/2017	94.7015	0.6517	1.3502	2.0018	3.0576	255.1896	19.8900	38.7400	50.6700	0.9600		
22/01/2017	95.3020	0.6743	0.8121	1.4863	2.9787	254.8843	18.4900	38.9100	51.0100	0.7235		
23/01/2017	95.4446	0.6763	0.5819	1.2583	3.0277	254.0833	17.7700	39.0300	51.1800	0.6352		
24/01/2017	95.4853	0.6791	0.4437	1.1228	3.1431	253.9204	17.0100	39.1000	51.2700	0.5764		
25/01/2017	95.2891	0.6607	0.7090	1.3698	3.0679	255.1502	17.0900	39.0100	51.1200	0.8144		
26/01/2017	95.1637	0.6532	0.7979	1.4511	3.1555	255.7299	18.2300	38.9900	51.0600	0.8889		
27/01/2017	95.5290	0.6742	0.4843	1.1585	3.0843	255.4848	18.3100	39.0700	51.2500	0.7672		
28/01/2017	94.6772	0.6802	0.8066	1.4870	3.5977	255.7139	17.1600	39.1000	51.1100	0.7524		
29/01/2017	94.0033	0.7311	0.7878	1.5189	4.2346	255.4960	17.9100	39.2700	51.1900	0.9155		
30/01/2017	94.0832	0.8590	0.5369	1.3958	4.2688	255.1535	16.5100	39.3400	51.2500	1.0112		
31/01/2017	93.7707	0.8087	1.1280	1.9368	4.0469	256.5464	16.8400	39.0600	50.8500	1.2267		

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

Mínimo	91.6405	0.3980	0.4437	1.1228	2.9166	253.9204	16.5100	37.9000	49.2500	0.5764		
Promedio	93.7869	0.5921	1.9766	2.5687	3.3652	256.2348	20.8458	38.6377	50.3719	0.9742		
Máximo	95.5290	0.8590	3.9656	4.3644	4.2688	258.8438	26.6500	39.3400	51.2700	1.3142		
Desv. Est.	1.14779	0.11892	1.15610	1.04649	0.40440	1.11325	3.03435	0.40518	0.67693	0.18626		

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.
01/01/2017	94.1622	0.6093	5.2831	5.5414	4.5522	272.6814	50.6700	38.3900	50.1200	1.5245		
02/01/2017	95.2662	0.7018	4.0590	4.4267	4.7303	272.5851	40.8200	38.8200	50.8700	1.5245		
03/01/2017	94.0632	0.5011	4.3616	4.7451	4.6281	272.5410	24.7400	38.4700	50.1200	6.1559		
04/01/2017	93.0345	0.5083	4.2717	4.5350	4.6211	272.5818	30.4700	38.5600	49.8900	1.5335		
05/01/2017	93.0563	0.4891	5.1872	5.5118	4.8848	272.7864	28.3600	38.3400	49.5200	1.7678		
06/01/2017	93.1633	0.5041	3.8420	4.2189	3.6880	272.3713	38.9100	38.3200	49.7200	1.5515		
07/01/2017	92.8987	0.4869	7.5516	7.6557	4.2663	272.0686	26.2500	38.4800	49.8400	1.6777		
08/01/2017	94.1318	0.5561	7.5516	7.6557	4.4638	272.3662	26.1500	38.6400	50.3600	1.5696		
09/01/2017	93.7979	0.5656	7.5755	7.6465	4.9855	272.6177	25.7500	38.5900	50.3000	1.8579		
10/01/2017	93.6931	0.6210	3.3995	3.8319	4.4610	272.8305	39.0100	38.6200	50.3000	1.1731		
11/01/2017	93.5774	0.7391	2.7400	3.2421	4.2246	272.4559	22.5300	38.9600	50.6400	0.9118		
12/01/2017	93.6585	0.7430	2.2868	2.8760	4.4388	272.5198	22.6300	39.1700	50.9100	1.1731		
13/01/2017	94.3652	0.7053	2.5888	3.0879	3.8861	272.2394	22.5300	38.6700	50.4900	1.4614		
14/01/2017	94.5147	0.6550	2.8849	3.3899	3.5527	272.2896	20.8200	38.7600	50.6500	1.3353		
15/01/2017	95.4112	0.7624	2.5585	3.1360	3.3498	272.2494	21.0200	39.0500	51.1600	1.3443		
16/01/2017	94.8433	0.6939	1.9765	2.5701	3.4445	271.9446	20.6200	38.9800	50.9400	1.2632		
17/01/2017	94.9452	0.6371	2.4432	3.0082	3.2617	271.9063	21.5300	38.6900	50.6600	1.5606		
18/01/2017	94.8174	0.6386	2.8310	3.3698	3.2262	271.7804	22.3300	38.7100	50.5900	1.4795		
19/01/2017	94.3662	0.6855	2.0517	2.6510	3.3384	271.6886	22.6300	38.9200	50.6800	1.4434		
20/01/2017	95.2032	0.7118	2.2568	2.8113	3.2625	271.8661	21.4300	38.9500	51.0200	1.3083		
21/01/2017	95.7983	0.7802	2.2446	2.7751	3.2545	271.7293	21.0200	39.1000	51.3200	1.2001		
22/01/2017	95.8106	0.7985	2.1062	2.6498	3.2656	271.7713	20.0200	39.1400	51.3400	1.3263		
23/01/2017	95.9248	0.7714	1.4643	2.0651	3.4720	272.1585	19.7200	39.1700	51.4100	0.9659		
24/01/2017	95.8353	0.7367	1.2134	1.8180	3.2954	271.1345	18.2100	39.2200	51.4400	0.8758		
25/01/2017	95.9083	0.7951	1.4221	2.0194	3.3801	271.3341	18.5100	39.2200	51.4300	1.1731		
26/01/2017	95.9457	0.7419	1.6593	2.2447	3.4215	271.4809	19.0100	39.2100	51.4400	1.3713		
27/01/2017	95.8277	0.7410	1.0312	1.6538	3.3385	271.1868	19.7200	39.2000	51.4300	1.0199		
28/01/2017	95.6080	0.7622	1.4055	2.0413	4.1826	271.3214	44.9400	39.2700	51.3900	0.9749		
29/01/2017	94.4259	0.8542	1.3161	2.0062	4.5129	270.5745	18.9100	39.5200	51.5200	1.3443		
30/01/2017	94.7438	0.9660	1.1253	1.9205	4.5015	270.9358	18.2100	39.4900	51.4900	1.3984		
31/01/2017	94.7351	0.8648	1.7087	2.4701	4.2638	271.3489	17.9100	39.2900	51.3300	1.5245		

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Mínimo	92.8987	0.4869	1.0312	1.6538	3.2262	270.5745	17.9100	38.3200	49.5200	0.8758		
Promedio	94.6301	0.6880	3.0451	3.5347	3.9405	271.9789	25.3348	38.9006	50.7845	1.5376		
Máximo	95.9457	0.9660	7.5755	7.6557	4.9855	272.8305	50.6700	39.5200	51.5200	6.1559		
Desv. Est.	0.96553	0.11992	1.89031	1.71595	0.60044	0.59357	8.56281	0.34056	0.59925	0.91020		

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.
01/01/2017	90.5325	0.2291	2.2299	2.8067	2.7142	256.9752	21.0200	37.4300	48.4100	0.7586		
02/01/2017	90.7310	0.2255	0.9578	1.6596	2.7552	257.2972	15.8000	37.9000	49.1500	0.7136		
03/01/2017	90.5794	0.2365	2.3358	2.8369	2.8391	255.5102	21.2300	37.7100	48.9000	0.7316		
04/01/2017	90.4809	0.2633	2.9451	3.4300	3.1292	255.3589	16.5000	37.9200	49.2200	0.7406		
05/01/2017	90.0317	0.2722	3.2834	3.7527	2.9018	255.0537	14.4900	37.4700	48.4400	0.6505		
06/01/2017	91.7642	0.3603	3.1548	3.6220	2.6922	256.3083	16.3000	37.8800	49.2200	0.7406		
07/01/2017	88.4876	0.1040	3.0854	3.5561	3.0687	255.5918	23.2400	36.7500	47.1300	0.7316		
08/01/2017	88.4876	0.1040	2.0746	2.6075	2.9748	255.4815	20.5200	36.7500	47.1300	0.5514		
09/01/2017	88.4889	0.0631	2.0991	2.6642	2.9579	254.3237	19.8200	36.7500	47.1500	0.6145		
10/01/2017	91.5826	0.3975	2.1590	2.6965	2.9902	254.8218	15.0900	38.2200	49.6200	0.4523		
11/01/2017	92.7386	0.5021	1.6563	2.3145	3.1662	254.2042	11.9800	38.3900	49.9800	0.4523		
12/01/2017	92.3637	0.5849	1.2701	1.9480	3.5064	254.7655	20.0200	38.6300	50.3100	0.5063		
13/01/2017	92.7303	0.4991	1.6286	2.2958	3.0101	254.7664	19.1100	38.4300	50.0400	0.6415		
14/01/2017	92.9112	0.5001	1.4454	2.0818	3.1058	254.8201	19.2200	38.3100	49.8300	0.6235		
15/01/2017	93.4799	0.5738	0.5653	1.2870	2.8669	254.3870	18.7100	38.3400	49.9400	0.5153		
16/01/2017	93.8811	0.5876	1.0023	1.6953	2.9012	255.5220	18.6100	38.5700	50.3600	0.6415		
17/01/2017	93.4649	0.5490	1.3495	1.9820	2.7820	255.4220	19.7200	38.3600	50.0200	0.6595		
18/01/2017	93.1294	0.5192	1.5072	2.1070	2.7841	254.6559	19.9200	38.2500	49.7900	0.7406		
19/01/2017	93.8856	0.5610	1.3958	2.0731	2.9978	254.4723	19.2200	38.5200	50.2600	0.7586		
20/01/2017	93.6236	0.5360	0.8195	1.4933	3.0118	254.6982	18.9100	38.4600	50.2000	0.8037		
21/01/2017	93.7385	0.5305	0.2483	0.9962	2.8635	253.6276	17.6100	38.4900	50.2200	0.5244		
22/01/2017	94.2442	0.5418	0.2381	0.9921	2.7736	253.1700	17.1000	38.4400	50.2300	0.3802		
23/01/2017	94.4432	0.5733	0.2357	0.9241	2.8895	252.3949	16.1000	38.7300	50.6600	0.4343		
24/01/2017	94.8344	0.6046	0.2425	0.9271	3.0017	251.7770	15.8000	38.8200	50.8200	0.3712		
25/01/2017	94.4841	0.5844	0.2574	0.9448	2.8089	253.8052	15.4000	38.8100	50.7100	0.4072		
26/01/2017	94.1872	0.5599	0.2443	0.9118	2.7867	253.5353	17.2100	38.7100	50.5600	0.4793		
27/01/2017	94.9496	0.6177	0.2307	0.9045	2.8787	253.1386	16.9000	38.9000	50.9300	0.5063		
28/01/2017	93.8904	0.6207	0.2592	0.9711	3.1697	254.2534	16.0000	38.9400	50.7800	0.4793		
29/01/2017	93.3577	0.6503	0.2459	1.0502	3.8529	253.1166	16.5000	39.0800	50.8800	0.5694		
30/01/2017	93.6655	0.7732	0.2650	1.0797	3.8675	253.1160	15.3000	39.1000	50.8800	0.5784		
31/01/2017	93.1736	0.7571	0.3290	1.1688	3.8055	254.9085	15.6000	38.8700	50.5100	0.9569		

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Mínimo	88.4876	0.0631	0.2307	0.9045	2.6922	251.7770	11.9800	36.7500	47.1300	0.3712		
Promedio	92.5272	0.4672	1.2826	1.9284	3.0275	254.5574	17.7081	38.2558	49.7510	0.6037		
Máximo	94.9496	0.7732	3.2834	3.7527	3.8675	257.2972	23.2400	39.1000	50.9300	0.9569		
Desv. Est.	1.90829	0.18945	1.00828	0.91601	0.31759	1.23121	2.41513	0.65825	1.10530	0.14238		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE