


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.
01/01/2023	93.6204	1.3185	0.4296	1.7482	4.2766	251.8037	9.8400	39.2900	50.9400	1.4102	<10.8	0.00
02/01/2023	93.6157	1.1993	0.5236	1.7229	4.1061	252.2444	8.4100	39.4100	51.0500	1.5947		
03/01/2023	93.6213	1.2125	0.5308	1.7433	3.8325	253.4404	8.8700	39.5100	51.1000	1.7023		
04/01/2023	93.0179	1.2362	0.4995	1.7358	3.6496	258.7021	18.0900	40.1100	51.4300	2.8002		
05/01/2023	93.5743	1.1365	0.5947	1.7313	3.8527	257.1479	18.5700	39.5700	51.1600	1.8700		
06/01/2023	94.4905	1.0123	0.8457	1.8580	3.4930	250.7790	11.0300	38.8800	50.7300	0.9646		
07/01/2023	94.8777	0.9915	0.8237	1.8152	3.1326	247.6780	9.3000	38.7900	50.7100	0.7314		
08/01/2023	93.7023	1.1113	0.6825	1.7939	3.1777	256.2507	13.6500	39.7400	51.2300	1.9953		
09/01/2023	93.8174	1.1030	0.7072	1.8103	3.2427	255.9883	21.5000	39.5900	51.1300	1.8535		
10/01/2023	93.1659	1.0674	0.7443	1.8117	3.4167	256.8779	17.6700	40.0200	51.3900	2.5206		
11/01/2023	92.7587	1.0974	0.7150	1.8125	3.5722	258.5755	18.3000	40.2600	51.5200	2.6871		
12/01/2023	93.1940	1.0739	0.7579	1.8318	3.5624	256.7642	20.8900	39.9000	51.3100	2.2027		
13/01/2023	93.5861	1.0972	0.7280	1.8253	3.3543	253.1390	27.9000	39.7100	51.2000	1.9199		
14/01/2023	93.5105	0.9841	0.8625	1.8465	3.3463	252.5354	36.2300	39.7500	51.2300	1.9914		
15/01/2023	93.3507	1.0016	0.8282	1.8298	3.4942	250.9107	25.1400	39.7900	51.2700	1.9898		
16/01/2023	93.8730	0.9724	0.9377	1.9101	3.5559	245.6944	20.6100	39.2400	50.9300	1.3389		
17/01/2023	93.4093	1.0582	0.7872	1.8453	3.5732	250.1131	20.6700	39.7000	51.2000	1.9163		
18/01/2023	93.6407	0.9870	0.8884	1.8755	3.5182	251.4818	23.3200	39.4800	51.0700	1.6635		
19/01/2023	93.2590	1.0433	0.7766	1.8199	3.4772	253.4072	19.6900	39.8600	51.3000	2.2596		
20/01/2023	93.7162	1.0028	0.8582	1.8611	3.3565	251.2730	17.9200	39.4900	51.0800	1.7485		
21/01/2023	93.8326	1.0311	0.8370	1.8682	3.5716	249.4470	15.8000	39.3000	50.9600	0.9903		
22/01/2023	94.1052	0.9010	1.0152	1.9162	3.3868	248.1208	14.7600	39.1200	50.8800	0.8339		
23/01/2023	93.7219	0.9897	0.9249	1.9146	3.6115	249.2904	16.0000	39.3300	50.9600	0.8573		
24/01/2023	93.7996	1.0648	0.7978	1.8626	3.4528	254.2878	23.5300	39.4500	51.0500	1.5640		
25/01/2023	94.0783	1.0103	0.8260	1.8362	3.4399	255.0402	22.9200	39.2500	50.9600	1.4319		
26/01/2023	94.4581	0.9960	0.8587	1.8548	3.3573	254.6568	15.0200	38.9700	50.7900	1.0388		
27/01/2023	94.1686	0.9569	0.8860	1.8430	3.6242	256.9979	10.8500	39.0700	50.8600	0.9322		
28/01/2023	94.1084	1.0941	0.7128	1.8070	3.5770	260.0536	16.9900	39.1900	50.9200	1.2342		
29/01/2023	93.8956	1.1336	0.6485	1.7820	3.5789	261.2125	22.3600	39.3900	51.0300	2.1996		
30/01/2023	94.2808	1.0641	0.7301	1.7942	3.4168	259.6735	25.2100	39.1500	50.9100	1.3419		
31/01/2023	93.5851	1.1527	0.6113	1.7640	3.4278	261.0855	44.4900	39.7200	51.2200	1.4098		

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

Mínimo	92.7587	0.9010	0.4296	1.7229	3.1326	245.6944	8.4100	38.7900	50.7100	0.7314		
Promedio	93.7366	1.0678	0.7539	1.8217	3.5302	254.0217	19.2106	39.4848	51.0813	1.6450		
Máximo	94.8777	1.3185	1.0152	1.9162	4.2766	261.2125	44.4900	40.2600	51.5200	2.8002		
Desv. Est.	0.45022	0.09096	0.13860	0.05227	0.23748	4.10776	7.73540	0.35758	0.20235	0.55384		

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.
01/01/2023	93.8846	1.4002	0.5131	1.8096	4.5876	255.3046	13.2900	39.9800	51.3500	2.7860		
02/01/2023	94.1182	1.3244	0.6007	1.7815	4.5206	257.1268	11.1800	40.2000	51.5000	3.1914		
03/01/2023	94.2518	1.4062	0.6589	1.8125	4.1403	257.3614	12.4800	40.1500	51.4700	2.8400		
04/01/2023	94.0623	1.3533	0.5787	1.7907	4.1531	260.9932	22.3300	40.4500	51.6400	3.5609		
05/01/2023	94.3035	1.2339	0.6493	1.7896	4.1114	261.2933	24.4400	41.0800	51.9700	3.2635		
06/01/2023	94.7803	1.1503	1.2504	2.0887	3.8480	256.3513	20.8200	39.0900	50.8900	1.4434		
07/01/2023	95.2922	1.1204	1.3993	2.1090	3.5235	251.2376	11.9800	38.9400	50.8400	1.0199		
08/01/2023	95.0502	1.2406	0.8447	1.8787	3.4817	262.9894	26.5500	41.3000	52.0800	3.8672		
09/01/2023	94.7914	1.2491	0.9278	1.9398	4.1780	259.5981	29.8700	40.0900	51.4100	2.8040		
10/01/2023	94.4906	1.1592	0.9167	1.8973	4.0487	258.4444	23.5400	40.4400	51.6100	3.6149		
11/01/2023	94.0478	1.2651	0.8603	1.8664	4.1939	262.4476	22.7300	41.0800	51.9400	3.4618		
12/01/2023	93.6820	1.1766	0.8940	1.8874	3.7769	260.9761	27.6600	40.3900	51.5900	3.2455		
13/01/2023	94.3040	1.1966	0.8642	1.8934	3.5497	257.7952	51.8800	40.3900	51.5900	3.1284		
14/01/2023	94.2027	1.1228	1.0446	1.9346	3.5315	254.5073	54.1900	40.1500	51.4800	3.1374		
15/01/2023	94.1530	1.0646	0.9632	1.8793	3.5872	253.0489	45.2400	40.1200	51.4500	2.6869		
16/01/2023	94.1568	1.0690	1.2130	2.0100	3.6915	252.8057	38.1100	39.7800	51.2400	2.1012		
17/01/2023	93.9002	1.0963	0.8637	1.9089	3.6897	253.1587	26.8500	40.0600	51.4300	2.6058		
18/01/2023	94.3091	1.0832	1.1274	1.9963	3.6670	255.7927	33.0800	40.0600	51.4200	2.8130		
19/01/2023	93.7554	1.1164	0.8595	1.8683	3.5609	255.8548	29.3700	40.1600	51.4800	3.0653		
20/01/2023	94.0134	1.0758	0.9549	1.9302	3.5110	254.1548	28.7600	39.7900	51.2600	2.4526		
21/01/2023	94.1068	1.1700	0.9715	1.9781	3.7460	252.6899	23.8400	39.6900	51.2200	1.5696		
22/01/2023	94.2556	0.9648	1.0676	1.9805	3.4870	250.1596	21.5300	39.2000	50.9200	1.1641		
23/01/2023	94.1114	1.0465	1.1077	2.0438	3.7643	250.5823	22.8300	39.4700	51.0800	1.1281		
24/01/2023	94.1856	1.1749	0.9233	1.9409	3.7988	256.0435	33.2900	39.9600	51.3500	2.1552		
25/01/2023	94.6087	1.1367	0.9199	1.9037	3.9882	256.0984	37.2000	39.5300	51.1200	2.0922		
26/01/2023	94.8611	1.0724	0.9578	1.9150	3.6666	256.6269	24.7400	39.2400	50.9700	1.7318		
27/01/2023	94.6444	1.0300	0.9618	1.9068	4.0192	259.4315	17.9100	39.3700	51.0500	1.3804		
28/01/2023	94.4358	1.2327	0.9260	1.9043	4.2625	262.7652	24.5400	39.5200	51.1100	1.7047		
29/01/2023	94.5621	1.2026	0.7122	1.8431	4.1088	263.0145	34.6900	39.6300	51.1800	28.8802		
30/01/2023	94.6374	1.1885	0.9411	1.9046	3.9394	262.3909	36.7000	39.5600	51.1400	2.3535		
31/01/2023	94.5993	1.2049	0.7506	1.8202	3.6548	262.2233	93.4800	40.0500	51.4200	2.2904		


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Mínimo	93.6820	0.9648	0.5131	1.7815	3.4817	250.1596	11.1800	38.9400	50.8400	1.0199		
Promedio	94.3406	1.1719	0.9104	1.9101	3.8641	257.2022	29.8419	39.9652	51.3613	3.3400		
Máximo	95.2922	1.4062	1.3993	2.1090	4.5876	263.0145	93.4800	41.3000	52.0800	28.8802		
Desv. Est.	0.37471	0.10593	0.19699	0.08233	0.30581	3.94002	15.76660	0.56709	0.30623	4.80695		

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.
01/01/2023	92.9139	1.2234	0.3480	1.7002	3.8687	250.2900	6.9500	39.1400	50.8400	0.9028		
02/01/2023	92.9005	1.1077	0.3934	1.6554	3.7720	250.1979	5.8500	39.0900	50.8600	0.9118		
03/01/2023	92.9825	1.0623	0.3890	1.6885	3.5347	249.7667	5.7500	39.0400	50.7900	0.9028		
04/01/2023	92.5715	1.1413	0.4286	1.6814	3.4801	253.6033	12.1800	39.1800	50.9200	1.5425		
05/01/2023	91.8814	1.0596	0.5344	1.6588	3.3309	248.4965	12.9800	39.0200	50.8200	0.9118		
06/01/2023	94.2107	0.8115	0.6194	1.6914	3.0906	246.6950	6.7500	38.6900	50.5400	0.5244		
07/01/2023	94.5440	0.6857	0.5996	1.6943	2.5237	243.9783	7.5600	38.5000	50.4800	0.4523		
08/01/2023	91.6488	1.0272	0.5300	1.7189	3.0112	249.9587	6.8500	38.7600	50.6900	0.5153		
09/01/2023	93.2337	0.9763	0.5622	1.7710	2.8985	252.1891	17.8100	38.9100	50.7200	1.1731		
10/01/2023	92.4859	0.9523	0.6459	1.7636	3.2716	254.0271	14.9900	38.9600	50.7800	1.1010		
11/01/2023	91.7658	0.9567	0.5424	1.7766	3.3174	254.4104	12.7800	39.1400	50.8900	1.1821		
12/01/2023	92.7441	0.9768	0.6024	1.7696	3.3155	254.2290	16.6000	39.5700	51.1200	0.0000		
13/01/2023	92.7250	0.9987	0.5964	1.7514	3.2108	249.7444	16.3000	39.1800	50.9000	0.8668		
14/01/2023	93.0763	0.8815	0.6746	1.7753	3.1806	249.4524	27.8600	39.0700	50.8400	0.7947		
15/01/2023	93.0017	0.9003	0.7583	1.7810	3.3593	247.2701	19.5200	39.1200	50.8800	0.8127		
16/01/2023	93.3512	0.7879	0.7756	1.8408	3.3544	242.6135	15.0900	39.0200	50.7900	0.9208		
17/01/2023	93.0511	1.0200	0.6968	1.7719	3.3360	248.7352	17.9100	39.2400	50.9200	1.1551		
18/01/2023	93.0327	0.8689	0.7081	1.7845	3.1417	248.1361	17.3100	39.0200	50.7800	0.8758		
19/01/2023	92.8798	0.9710	0.7189	1.7736	3.2189	250.8751	16.2000	39.4300	51.0500	1.0199		
20/01/2023	93.4063	0.9122	0.7443	1.8086	3.2347	249.9394	13.8900	39.3000	50.9600	0.9749		
21/01/2023	93.3589	0.9292	0.7679	1.7528	3.3984	248.1535	12.0800	39.1200	50.8100	0.6145		
22/01/2023	93.9791	0.8386	0.9408	1.8493	3.2929	246.5689	11.9800	39.0800	50.8200	0.5334		
23/01/2023	93.4615	0.9076	0.8495	1.8314	3.3473	247.2830	12.9800	39.1000	50.7900	0.6055		
24/01/2023	93.1662	0.9497	0.7073	1.8036	3.2092	250.5823	19.8200	39.2500	50.9000	0.8848		
25/01/2023	93.4470	0.9474	0.7142	1.7729	3.1080	254.0622	16.5000	38.9600	50.7800	0.8668		
26/01/2023	94.0866	0.9546	0.8204	1.8083	3.0480	252.7484	0.3200	38.7300	50.6300	0.5694		
27/01/2023	93.6388	0.8986	0.8171	1.7990	3.3467	255.1723	8.1600	38.8200	50.7000	0.5964		
28/01/2023	93.2770	0.9244	0.5732	1.7161	3.3413	258.5778	13.6900	39.0000	50.8000	0.8487		
29/01/2023	93.4159	1.0802	0.5262	1.7270	3.2665	260.0775	18.5100	38.9800	50.8000	0.6055		
30/01/2023	93.8274	0.9511	0.5531	1.6929	3.1571	257.5311	20.4200	38.8200	50.6900	0.6415		
31/01/2023	93.2088	1.0697	0.5773	1.7277	3.3545	259.9047	23.9400	38.9000	50.7600	0.6505		

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Mínimo	91.6488	0.6857	0.3480	1.6554	2.5237	242.6135	0.3200	38.5000	50.4800	0.0000		
Promedio	93.1379	0.9604	0.6360	1.7528	3.2684	251.1377	13.8558	39.0368	50.8081	0.8051		
Máximo	94.5440	1.2234	0.9408	1.8493	3.8687	260.0775	27.8600	39.5700	51.1200	1.5425		
Desv. Est.	0.65648	0.10837	0.14255	0.05287	0.23882	4.29229	5.90925	0.21649	0.12937	0.28622		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.