

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.
01/12/2021	95.3110	0.9867	0.8586	1.8452	2.7230	252.7888	10.0400	38.6200	50.6000	0.0087		
02/12/2021	95.5282	0.9924	0.8264	1.8189	2.5033	252.8321	9.6600	38.5800	50.5800	0.0080		
03/12/2021	95.4795	0.9505	0.8703	1.8208	2.5862	253.8396	11.1900	38.6000	50.6100	0.0086		
04/12/2021	95.4142	0.9788	0.8709	1.8497	2.6027	254.3419	10.6900	38.6000	50.5800	0.0080		
05/12/2021	95.3661	0.9405	0.9183	1.8588	2.6467	253.8539	9.6000	38.6000	50.5900	0.0076		
06/12/2021	95.4050	0.9683	0.9234	1.8918	2.5726	253.8540	9.9900	38.5600	50.5300	0.0092		
07/12/2021	95.3554	0.9744	0.8817	1.8561	2.6444	253.0105	10.6400	38.6000	50.5800	0.4422		
08/12/2021	95.2764	0.9698	0.8895	1.8593	2.7301	253.0007	9.2300	38.6200	50.6000	0.5888		
09/12/2021	95.2847	1.0177	0.8533	1.8709	2.7012	252.9651	10.1200	38.6100	50.5600	0.5562		
10/12/2021	95.2756	0.9976	0.8883	1.8857	2.7227	253.3893	11.7300	38.6100	50.5600	0.6793		
11/12/2021	95.4185	1.0061	0.8528	1.8589	2.6038	253.2458	12.1600	38.5900	50.5600	0.8246		
12/12/2021	94.6565	0.9579	0.8939	1.8519	3.1694	254.5104	12.4500	38.8900	50.7500	0.8629		
13/12/2021	95.1150	0.9680	0.8510	1.8191	2.8661	255.8621	14.3500	38.7100	50.6600	0.7188		
14/12/2021	95.2525	0.9727	0.8348	1.8075	2.8329	254.3286	13.3200	38.6800	50.6300	0.6225		
15/12/2021	95.0667	0.9896	0.8438	1.8333	2.9134	253.8863	12.1200	38.7100	50.6500	0.6294		
16/12/2021	94.9442	1.0264	0.7780	1.8044	3.0401	256.1662	13.0800	38.8000	50.7000	0.7336		
17/12/2021	95.3143	0.9344	0.8565	1.7909	2.7575	255.3758	12.6200	38.6500	50.6400	0.5812		
18/12/2021	94.7911	0.9195	0.8559	1.7755	3.0927	255.0932	10.8800	38.9000	50.8000	0.6097		
19/12/2021	95.2672	0.9174	0.8476	1.7651	2.8404	257.4108	17.5000	38.7100	50.6900	0.6039		
20/12/2021	95.4060	0.9215	0.8332	1.7547	2.6894	255.1612	14.4300	38.6700	50.6900	0.5533		
21/12/2021	95.4675	0.9407	0.7952	1.7358	2.6415	253.9305	13.2400	38.6800	50.6900	0.5019		
22/12/2021	95.5415	0.9617	0.8176	1.7794	2.5467	253.6637	12.7100	38.6100	50.6300	0.5170		
23/12/2021	95.6050	0.9091	0.8296	1.7387	2.5104	253.9339	11.8000	38.6300	50.6600	0.4493		
24/12/2021	95.5211	0.9096	0.8669	1.7766	2.5555	254.3979	11.5300	38.6100	50.6300	0.4943		
25/12/2021	95.5500	0.9256	0.8367	1.7623	2.5445	253.7083	11.2200	38.6100	50.6300	0.4880		
26/12/2021	95.5454	0.9131	0.8651	1.7782	2.5458	253.3976	11.0200	38.6100	50.6300	0.4349		
27/12/2021	95.4324	0.9375	0.8514	1.7889	2.6284	253.3873	9.9800	38.6100	50.6200	0.5440		
28/12/2021	95.2938	1.0224	0.7684	1.7908	2.7742	253.7469	8.6400	38.6500	50.6200	0.6208		
29/12/2021	95.2036	1.0699	0.7285	1.7984	2.8758	254.2671	7.1900	38.6800	50.6300	0.6237		
30/12/2021	95.3448	1.0617	0.7259	1.7877	2.7186	254.6311	7.2600	38.6600	50.6200	0.6146		
31/12/2021	95.5954	1.0429	0.6758	1.7187	2.5558	254.9326	7.1000	38.6300	50.6300	0.5581		

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

Mínimo	94.6565	0.9091	0.6758	1.7187	2.5033	252.7888	7.1000	38.5600	50.5300	0.0076		
Promedio	95.3235	0.9705	0.8384	1.8088	2.7141	254.1585	11.2094	38.6545	50.6306	0.4807		
Máximo	95.6050	1.0699	0.9234	1.8918	3.1694	257.4108	17.5000	38.9000	50.8000	0.8629		
Desv. Est.	0.22245	0.04477	0.05522	0.04589	0.17194	1.05430	2.24026	0.08090	0.05703	0.25459		

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.
01/12/2021	95.4541	1.0755	0.9201	1.8787	2.8342	253.4179	19.3200	38.6700	50.6200	0.0738		
02/12/2021	95.6262	1.0586	0.8933	1.8667	2.6009	253.5581	19.8200	38.6000	50.6100	0.0738		
03/12/2021	95.5670	1.0333	0.9231	1.8645	2.7314	254.7129	32.7800	38.6700	50.6600	0.0828		
04/12/2021	95.5009	1.0244	0.9057	1.9098	2.6636	254.8916	23.8400	38.6200	50.6100	0.0648		
05/12/2021	95.7967	1.0173	1.0391	1.9152	3.0989	254.9082	23.9400	38.7300	50.6700	0.0828		
06/12/2021	95.5464	1.0518	1.0685	1.9406	2.9419	254.8068	46.9500	38.6700	50.6300	0.0738		
07/12/2021	95.4725	1.0423	0.9348	1.8995	2.7730	254.2552	46.9500	38.6300	50.6100	0.6325		
08/12/2021	95.4811	1.0705	0.9384	1.9256	2.8103	253.6447	10.9700	38.6500	50.6400	0.7586		
09/12/2021	95.5351	1.0647	0.9359	1.9159	2.8176	253.6387	12.4800	38.6400	50.5900	0.7586		
10/12/2021	95.5152	1.0951	0.9980	1.9493	3.1674	254.3722	39.6200	38.7300	50.6200	0.9839		
11/12/2021	95.4816	1.0701	0.9358	1.9188	2.6761	253.7531	26.5500	38.6200	50.5900	1.0199		
12/12/2021	95.4636	1.0578	0.9520	1.8943	3.8635	255.9767	40.4200	39.3200	51.0000	1.2812		
13/12/2021	95.5651	1.0293	0.9686	1.9069	3.6403	258.8412	36.2000	39.0800	50.8800	1.1731		
14/12/2021	95.4553	1.0491	0.9045	1.8491	2.9382	254.8545	39.2100	38.7000	50.6800	0.8127		
15/12/2021	95.5500	1.1016	0.8979	1.9130	3.6398	254.8629	37.4100	39.1100	50.8900	0.7767		
16/12/2021	95.2941	1.0975	0.8166	1.8755	3.5996	257.5603	39.9200	39.1200	50.9000	0.9929		
17/12/2021	95.4219	1.0269	0.9044	1.8333	2.8702	256.4311	17.8100	38.6900	50.6700	0.7136		
18/12/2021	95.6680	0.9799	0.9134	1.8156	3.5095	256.0182	13.2900	39.2000	50.9800	0.7767		
19/12/2021	95.4641	0.9843	0.9299	1.8168	3.1642	259.1671	41.5300	38.8500	50.7700	0.8127		
20/12/2021	95.4783	1.0457	0.8751	1.8003	2.8994	256.5062	41.6300	38.7700	50.7400	0.6865		
21/12/2021	95.7546	1.0525	0.8654	1.8548	3.0476	254.5939	41.2200	38.7900	50.7700	0.6865		
22/12/2021	95.6918	1.0169	0.8900	1.8200	2.6507	254.3153	41.3300	38.6800	50.6600	0.7316		
23/12/2021	95.7330	0.9906	0.9174	1.7968	2.8135	254.9181	41.7300	38.7200	50.7200	0.6055		
24/12/2021	95.6296	0.9587	0.9936	1.8323	2.6363	255.1414	16.7000	38.6300	50.6700	0.6415		
25/12/2021	95.7585	0.9594	0.8502	1.7859	2.5709	254.6166	36.6000	38.6200	50.6600	0.6956		
26/12/2021	95.6512	0.9537	0.9332	1.8446	2.6043	254.3005	42.3300	38.6300	50.6800	0.5604		
27/12/2021	95.5801	1.0104	0.9263	1.8530	2.7501	254.2157	16.0000	38.6600	50.6800	0.6775		
28/12/2021	95.6166	1.2046	0.8574	1.8640	2.9491	254.5204	10.7700	38.7000	50.6700	0.8487		
29/12/2021	95.4054	1.1377	0.7780	1.8686	3.1604	254.9702	9.3700	38.7900	50.7100	0.9118		
30/12/2021	95.6045	1.1461	0.8212	1.8536	2.8486	255.3029	8.5600	38.6900	50.6600	0.8217		
31/12/2021	95.7203	1.1472	0.8212	1.8129	2.6935	255.5569	8.7600	38.6800	50.6900	0.8307		

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Mínimo	95.2941	0.9537	0.7780	1.7859	2.5709	253.4179	8.5600	38.6000	50.5900	0.0648		
Promedio	95.5640	1.0501	0.9132	1.8670	2.9666	255.1171	28.5165	38.7632	50.7074	0.6659		
Máximo	95.7967	1.2046	1.0685	1.9493	3.8635	259.1671	46.9500	39.3200	51.0000	1.2812		
Desv. Est.	0.11946	0.05869	0.06274	0.04492	0.35052	1.39113	13.32630	0.19153	0.11078	0.33254		

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.
01/12/2021	95.1812	0.9171	0.7920	1.8187	2.5854	252.2614	6.2500	38.5900	50.5600	0.0000		
02/12/2021	95.4246	0.9313	0.7801	1.7941	2.4473	252.4246	2.5300	38.5500	50.5400	0.0000		
03/12/2021	95.3287	0.8831	0.8190	1.7837	2.4955	253.2176	5.7500	38.5600	50.5500	0.0000		
04/12/2021	95.3189	0.9284	0.8394	1.8016	2.5004	253.9526	6.1500	38.5700	50.5300	0.0000		
05/12/2021	94.8656	0.8330	0.8525	1.7102	2.3767	253.2916	5.2500	38.5400	50.5300	0.0000		
06/12/2021	95.0316	0.8337	0.8323	1.8473	2.4591	253.1748	0.3200	38.5100	50.4800	0.0000		
07/12/2021	95.2427	0.9303	0.8258	1.8345	2.5329	252.2027	2.0300	38.5500	50.5200	0.0000		
08/12/2021	95.1375	0.9153	0.8297	1.7720	2.6169	252.5139	2.3300	38.5900	50.5400	0.4072		
09/12/2021	95.1607	0.9339	0.8030	1.8405	2.4611	252.1484	0.4200	38.5400	50.5400	0.3261		
10/12/2021	94.8163	0.9005	0.7743	1.8325	2.5234	252.8136	1.1300	38.5600	50.5300	0.5063		
11/12/2021	95.3335	0.9403	0.7834	1.8230	2.5184	252.0083	10.0700	38.5400	50.5100	0.6325		
12/12/2021	93.6819	0.9012	0.8352	1.7917	2.5571	253.3895	2.9300	38.5700	50.5500	0.6415		
13/12/2021	94.1157	0.8841	0.8043	1.7433	2.5396	254.0672	2.4300	38.5800	50.5700	0.4883		
14/12/2021	95.1028	0.8624	0.8000	1.7533	2.6516	253.6079	2.4300	38.6100	50.6000	0.4433		
15/12/2021	94.1114	0.8765	0.7900	1.7605	2.5625	253.1632	10.5700	38.6100	50.5900	0.4883		
16/12/2021	94.1154	0.9737	0.7236	1.7587	2.8119	254.3908	2.5300	38.6800	50.5900	0.5424		
17/12/2021	95.1945	0.8809	0.7765	1.7587	2.6908	254.3922	2.5300	38.6300	50.6200	0.4343		
18/12/2021	94.2108	0.8515	0.8056	1.7079	2.5023	254.4113	8.9600	38.6100	50.6300	0.4523		
19/12/2021	94.8130	0.8573	0.7483	1.7194	2.6376	254.7592	1.1300	38.6500	50.6600	0.4613		
20/12/2021	95.1817	0.8648	0.7029	1.7069	2.6243	253.8769	11.4800	38.6400	50.6400	0.4072		
21/12/2021	95.0671	0.8494	0.6867	1.6705	2.4300	253.2216	4.2400	38.6000	50.6000	0.3261		
22/12/2021	95.3734	0.8913	0.7721	1.7198	2.4026	253.1006	5.1500	38.5600	50.5900	0.3712		
23/12/2021	95.3304	0.8422	0.7374	1.6868	2.3718	253.3527	7.5600	38.5800	50.6100	0.2811		
24/12/2021	95.4094	0.8326	0.8178	1.7270	2.4874	253.6850	9.3700	38.5800	50.6000	0.3171		
25/12/2021	95.5169	0.8880	0.8206	1.7227	2.3940	252.9963	1.2300	38.5700	50.6100	0.2631		
26/12/2021	95.4292	0.8739	0.8336	1.7247	2.4885	252.6245	5.3500	38.5800	50.5900	0.2721		
27/12/2021	95.3276	0.8883	0.7904	1.7236	2.5196	252.6943	7.6600	38.5700	50.5800	0.3261		
28/12/2021	95.0695	0.8996	0.6577	1.7499	2.4868	253.1997	6.4500	38.5900	50.5700	0.4252		
29/12/2021	94.8962	0.9953	0.6905	1.7404	2.7029	253.8123	5.1500	38.6500	50.5900	0.4252		
30/12/2021	95.1649	0.9776	0.6733	1.7509	2.4819	254.1369	5.8500	38.5800	50.5600	0.3712		
31/12/2021	95.3596	0.9652	0.5378	1.6462	2.4415	254.3015	5.3500	38.5600	50.5600	0.3351		

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Mínimo	93.6819	0.8326	0.5378	1.6462	2.3718	252.0083	0.3200	38.5100	50.4800	0.0000		
Promedio	95.0101	0.8969	0.7721	1.7555	2.5259	253.3288	4.8574	38.5839	50.5723	0.3208		
Máximo	95.5169	0.9953	0.8525	1.8473	2.8119	254.7592	11.4800	38.6800	50.6600	0.6415		
Desv. Est.	0.47151	0.04440	0.06855	0.05159	0.10182	0.75717	3.12246	0.03757	0.04072	0.19785		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.