

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

GDF SUEZ

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	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.
01/12/2014	89.5681	0.3666	4.0894	4.4560	5.2210	259.0607	134.5525	38.7412	49.6159	1.4086		
02/12/2014	89.2434	0.3280	4.4791	4.8071	5.3811	253.8969	105.3408	38.5034	49.3326	1.3273		
03/12/2014	89.6338	0.3577	4.1973	4.5550	5.1356	256.0339	73.9584	38.6087	49.4968	1.4551		
04/12/2014	90.1320	0.4310	3.7188	4.1498	5.1363	256.5049	85.2158	38.7084	49.7155	1.3617		
05/12/2014	90.6995	0.4444	3.6860	4.1304	4.7548	253.0869	83.6781	38.4831	49.5872	1.5086		
06/12/2014	90.8574	0.4865	3.4618	3.9483	4.7929	252.1026	57.0117	38.5528	49.6986	1.0355		
07/12/2014	90.9996	0.4750	3.1896	3.6646	4.8888	252.1733	20.0877	38.7189	49.9242	1.2554		
08/12/2014	91.0811	0.4625	3.2771	3.7395	4.7701	252.0038	20.1556	38.6308	49.8425	1.4312		
09/12/2014	90.4098	0.4248	3.9281	4.3529	4.8592	250.8907	20.0557	38.3985	49.4444	1.4939		
10/12/2014	90.5253	0.4358	3.8462	4.2819	4.7961	251.0232	19.9947	38.4201	49.4855	1.7057		
11/12/2014	90.0279	0.3996	4.3248	4.7244	4.8548	250.7094	21.7692	38.2637	49.2082	1.5648		
12/12/2014	90.6702	0.4584	3.6930	4.1514	4.8120	251.1001	19.2362	38.4554	49.5585	1.6834		
13/12/2014	90.7550	0.4467	3.7382	4.1849	4.7110	251.2815	19.0343	38.3995	49.5131	1.5515		
14/12/2014	90.7550	0.4467	3.7382	4.1849	4.7110	251.2815	19.5881	38.3995	49.5131	0.9712		
15/12/2014	90.7550	0.4467	3.7382	4.1849	4.7110	251.2815	41.3035	38.3995	49.5131	1.5687		
16/12/2014	89.3900	0.3263	4.5790	4.9053	5.3142	253.6503	47.4156	38.3287	49.1866	1.3429		
17/12/2014	88.6282	0.3423	4.7074	5.0497	5.7245	256.9527	11.4713	38.5335	49.2430	1.1603		
18/12/2014	89.8861	0.4760	3.5783	4.0543	5.4165	257.7879	66.3796	38.8752	49.8465	0.9776		
19/12/2014	90.0254	0.4671	3.8455	4.3126	5.0718	257.4559	98.8413	38.6393	49.5948	1.7625		
20/12/2014	90.0926	0.4194	3.9140	4.3334	5.0809	255.2740	66.1513	38.5551	49.5471	1.6292		
21/12/2014	89.9106	0.4492	3.5784	4.0277	5.3401	260.4519	64.5954	38.9282	49.8939	1.7241		
22/12/2014	89.7912	0.4546	3.9484	4.4030	5.1867	259.0515	118.8014	38.6597	49.5708	1.7929		
23/12/2014	89.7552	0.4182	4.3362	4.7544	5.0810	256.1328	86.4762	38.3384	49.2361	1.8120		
24/12/2014	89.6601	0.3818	4.4042	4.7860	5.0607	256.9817	3.3702	38.3845	49.2577	1.9452		
25/12/2014	89.0088	0.3173	5.2130	5.5303	4.9073	258.0419	96.2156	38.0905	48.7772	2.0783		
26/12/2014	88.8663	0.2465	5.6543	5.9009	4.7119	258.4022	91.0448	37.8740	48.5035	-----		
27/12/2014	88.8911	0.1446	5.9392	6.0837	4.7143	253.8053	22.7126	37.6396	48.3061	-----		
28/12/2014	88.4697	0.1464	6.0451	6.1915	4.9914	251.4925	-----	37.6994	48.2970	-----		
29/12/2014	88.6589	0.0914	5.9696	6.0610	4.9432	253.8102	-----	37.7277	48.3815	-----		
30/12/2014	88.6405	0.0827	6.2332	6.3159	4.7333	250.4062	-----	37.5547	48.1696	-----		
31/12/2014	87.0220	0.0818	6.1094	6.1912	5.8135	260.2623	9.0702	38.3942	48.7333	-----		

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

Mínimo	87.0220	0.0818	3.1896	3.6646	4.7110	250.4062	3.3702	37.5547	48.1696	0.9712		
Promedio	89.7681	0.3631	4.3600	4.7231	5.0202	254.5932	54.4117	38.3841	49.2901	1.5019		
Máximo	91.0811	0.4865	6.2332	6.3159	5.8135	260.4519	134.5525	38.9282	49.9242	2.0783		
Desv. Est.	0.93268	0.12652	0.91847	0.79644	0.29631	3.20606	38.02883	0.35373	0.50794	0.28660		

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.	GDF SUEZ
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.
01/12/2014	89.6542	0.4457	4.2968	4.7425	5.7832	263.2449	155.7555	39.1613	49.9465	2.0062		
02/12/2014	91.0330	0.5305	5.0119	5.5424	5.6992	263.0034	146.3336	39.0544	50.2806	2.4022		
03/12/2014	93.1223	0.7560	5.0206	5.7766	5.9775	258.9584	93.7281	39.8236	51.5955	2.8950		
04/12/2014	93.5843	0.6875	4.8996	5.5872	5.9921	261.5130	100.6964	39.3279	50.6607	2.0502		
05/12/2014	93.1332	0.4843	4.3859	4.8702	5.5742	260.3404	110.3146	38.9996	50.5415	2.5694		
06/12/2014	91.1244	0.4985	4.1420	4.6405	5.0295	255.4093	321.5218	38.5972	49.7795	2.5166		
07/12/2014	91.1052	0.5534	3.9250	4.4785	4.9517	254.1680	21.5918	38.7035	49.9033	2.5078		
08/12/2014	91.2459	0.5481	3.5143	4.0624	5.0959	253.6050	23.6529	38.8892	50.1328	2.5782		
09/12/2014	94.4152	0.7543	4.4354	5.1897	5.0823	257.9977	321.0311	39.4436	51.0472	2.2086		
10/12/2014	91.1050	0.4714	4.3067	4.7781	5.1594	253.8072	21.8863	38.5328	49.7141	2.7894		
11/12/2014	90.8549	0.4795	4.5170	4.9964	5.0571	252.4594	321.5218	38.6048	49.7553	3.3437		
12/12/2014	90.6496	0.4689	4.6764	5.1453	5.0073	252.5066	321.5218	38.3852	49.4372	2.8246		
13/12/2014	90.6496	0.4689	4.6764	5.1453	5.0073	252.5066	20.8067	38.3852	49.4372	2.4550		
14/12/2014	91.0028	0.5172	4.2442	4.7614	5.1007	252.8105	321.5218	38.6397	49.7814	3.2293		
15/12/2014	-----	-----	-----	-----	-----	255.3722	321.5218	-----	-----	3.5989		
16/12/2014	-----	-----	-----	-----	-----	254.3657	321.5218	-----	-----	2.8774		
17/12/2014	89.8509	0.3639	5.3674	5.7313	5.8505	256.8084	321.5218	38.7258	49.5607	3.1765		
18/12/2014	89.4037	0.4323	4.8964	5.3287	5.9760	259.8004	321.5218	38.8128	49.5507	2.8070		
19/12/2014	90.6685	0.5794	4.0932	4.6725	5.9670	261.5947	321.5218	39.2821	50.0981	2.9742		
20/12/2014	90.4544	0.5198	4.2083	4.7281	5.4406	261.0242	321.5218	38.9793	49.8895	2.6134		
21/12/2014	90.7544	0.4654	4.3078	4.7732	5.5143	261.6393	105.6036	38.9987	49.8244	3.1853		
22/12/2014	90.4418	0.5157	3.9476	4.4633	5.6949	263.7654	148.8854	39.2248	50.2022	3.1149		
23/12/2014	92.5083	0.6742	4.4572	5.1314	5.4874	265.1525	321.5218	39.1489	50.7082	3.1325		
24/12/2014	92.4482	0.4810	5.2222	5.7032	5.6639	260.0662	321.5218	38.6267	50.0006	3.0445		
25/12/2014	89.8099	0.3937	4.7638	5.1574	5.1968	260.6587	321.5218	38.4949	49.3325	28.8264		
26/12/2014	90.2711	0.4626	7.3502	7.8128	5.6055	263.4715	321.5218	38.5416	49.4272	0.1320		
27/12/2014	89.7855	0.3368	7.0221	7.3590	5.9201	262.6097	321.5218	38.3615	49.0614	0.2024		
28/12/2014	89.5977	0.2175	6.4591	6.6765	5.0345	252.1904	321.5218	37.9768	48.7825	0.2024		
29/12/2014	89.1662	0.2125	6.5867	6.7992	5.1735	254.7975	321.5218	38.0129	48.7284	0.1936		
30/12/2014	89.2121	0.1317	6.3814	6.5131	5.0861	256.0344	321.5218	37.9629	48.6802	0.2024		
31/12/2014	88.9546	0.1017	6.8297	6.9315	5.8196	258.3010	321.5218	38.0168	48.3875	0.2112		

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Mínimo	88.9546	0.1017	3.5143	4.0624	4.9517	252.1904	20.8067	37.9629	48.3875	0.1320		
Promedio	90.8968	0.4673	4.9636	5.4310	5.4465	258.0640	238.0387	38.7488	49.8016	3.1249		
Máximo	94.4152	0.7560	7.3502	7.8128	5.9921	265.1525	321.5218	39.8236	51.5955	28.8264		
Desv. Est.	1.39409	0.15870	1.03255	0.93825	0.37042	4.09227	118.70111	0.46456	0.71456	4.89491		

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

GDF SUEZ

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m³)	Poder Calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Acido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	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.
01/12/2014	88.4969	0.3189	3.7668	4.0857	5.1415	259.5000	123.3678	38.6616	49.4975	1.0471		
02/12/2014	88.3833	0.2732	2.7198	2.9930	4.8401	253.0466	86.5636	38.2497	49.0409	0.8711		
03/12/2014	88.1748	0.2706	0.4664	0.7370	4.6215	250.8444	60.3590	38.2141	48.9848	0.8271		
04/12/2014	87.9805	0.2754	2.0086	2.2840	3.1148	252.7765	76.4547	38.1541	48.9959	1.0031		
05/12/2014	89.3011	0.3401	2.0425	2.3826	3.9154	254.1393	63.0089	38.4561	49.3930	0.9767		
06/12/2014	90.0463	0.3900	3.3411	3.7311	4.5472	251.1173	39.6996	38.3687	49.3499	0.9019		
07/12/2014	90.5063	0.4447	3.1307	3.5755	4.5918	250.5936	16.3902	38.3384	49.3672	0.8271		
08/12/2014	90.8301	0.4118	2.8933	3.3051	4.6761	251.1487	18.8438	38.5313	49.6514	0.9591		
09/12/2014	89.9057	0.3419	1.1657	1.5076	3.1202	250.1141	17.8133	38.2328	49.1573	1.0779		
10/12/2014	89.8397	0.3768	3.4145	3.7913	4.5548	248.2003	16.7827	38.2959	49.2550	1.1967		
11/12/2014	89.7773	0.3664	3.4866	3.8531	4.5653	249.6016	-----	38.1700	49.0956	-----		
12/12/2014	89.6132	0.3599	3.9260	4.2859	4.6475	249.2147	-----	38.1368	48.9934	-----		
13/12/2014	89.6132	0.3599	3.9260	4.2859	4.6475	249.2147	17.7642	38.1368	48.9934	1.0119		
14/12/2014	90.3150	0.3985	3.3166	3.7150	4.6965	249.3822	-----	38.2161	49.2153	-----		
15/12/2014	-----	-----	-----	-----	-----	255.3722	-----	-----	-----	-----		
16/12/2014	-----	-----	-----	-----	-----	255.3722	-----	-----	-----	-----		
17/12/2014	88.3822	0.2353	4.1745	4.4098	5.0467	251.6775	-----	38.0190	48.7373	-----		
18/12/2014	88.0972	0.3054	4.1016	4.4070	5.3910	255.4714	-----	38.4611	49.1339	-----		
19/12/2014	88.7965	0.4384	3.2284	3.6668	5.0470	255.8275	-----	38.7012	49.5550	-----		
20/12/2014	89.5332	0.3987	3.4926	3.8913	4.7281	261.4355	-----	38.2676	49.2578	-----		
21/12/2014	89.0428	0.3713	3.6103	3.9816	4.6147	252.7592	24.3399	38.3495	49.4012	1.3111		
22/12/2014	89.3463	0.3942	3.0806	3.4748	5.1162	253.8828	100.0094	38.5939	49.6324	1.4255		
23/12/2014	89.1994	0.3966	1.6917	2.0884	4.7494	253.7633	-----	38.2797	49.1556	-----		
24/12/2014	88.6755	0.3240	2.8102	3.1343	3.9473	253.5050	-----	38.0694	48.7640	-----		
25/12/2014	89.2277	0.3415	4.3173	4.6588	4.8137	254.4244	-----	38.1173	48.9778	-----		
26/12/2014	86.0104	0.1420	4.0994	4.2414	4.4780	253.9539	-----	37.6268	47.7232	-----		
27/12/2014	87.6399	0.1482	4.9105	5.0587	4.2634	253.1423	-----	37.2929	47.6368	-----		
28/12/2014	88.2094	0.0877	5.2006	5.2883	4.5703	252.2369	-----	37.5132	48.0503	-----		
29/12/2014	88.0710	0.0952	5.3809	5.4761	4.7466	250.7129	-----	37.4605	47.9553	-----		
30/12/2014	87.9826	0.0440	5.5496	5.5935	4.6621	252.6901	-----	37.5857	48.1814	-----		
31/12/2014	86.4736	0.0401	5.9699	6.0100	4.5712	248.9483	-----	37.3737	47.8336	-----		

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Mínimo	86.0104	0.0401	0.4664	0.7370	3.1148	248.2003	16.3902	37.2929	47.6368	0.8271		
Promedio	88.8783	0.2997	3.4904	3.7901	4.5664	252.7119	50.8767	38.1336	48.9306	1.0336		
Máximo	90.8301	0.4447	5.9699	6.0100	5.3910	261.4355	123.3678	38.7012	49.6514	1.4255		
Desv. Est.	1.11601	0.11974	1.27032	1.20084	0.50589	2.99065	36.77687	0.38391	0.58877	0.18225		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ.