

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio diarios)

PERMISIONARIO:
PUNTO DE MEDICIÓN:
ZONA DE MEDICIÓN:

GDF Suez

Tetla

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.
01/12/2013	88.3035	0.1532	5.7374	5.8906	5.2618	269.5797	65.4227	38.0674	48.6471	7.6362		
02/12/2013	87.6645	0.1173	5.9377	6.0550	5.7852	267.9103	54.5048	38.1108	48.6127	7.7226		
03/12/2013	87.2921	0.0965	6.2374	6.3339	5.9913	266.5258	59.9353	37.9857	48.4244	8.6457		
04/12/2013	88.1626	0.1575	5.6541	5.8116	5.5217	269.7079	59.8561	38.1438	48.7263	7.0087		
05/12/2013	88.5183	0.1383	4.9153	5.0536	5.9627	267.6026	55.6811	38.5262	49.2833	7.4644		
06/12/2013	87.8259	0.0754	5.4880	5.5634	6.1529	270.7957	56.5013	38.3891	48.9980	9.0003		
07/12/2013	87.3839	0.0486	5.6433	5.6920	6.4689	271.1467	78.2421	38.4284	48.9733	8.8344		
08/12/2013	87.4242	0.0505	5.4436	5.4941	6.5684	270.7892	86.6034	38.5659	49.1395	8.7392		
09/12/2013	86.4676	0.0524	6.3006	6.3530	6.6793	270.9532	80.8018	38.2594	48.5932	9.0774		
10/12/2013	87.0182	0.0483	5.9295	5.9778	6.5168	270.1073	85.1741	38.3490	48.8049	8.9286		
11/12/2013	88.4348	0.0882	4.9432	5.0314	5.9707	275.1554	77.0024	38.6434	49.3742	7.2100		
12/12/2013	87.7828	0.1112	5.7025	5.8137	5.8571	274.0789	68.0818	38.2888	48.8228	7.7622		
13/12/2013	86.7882	0.0734	6.6034	6.6769	6.1414	268.9280	70.3132	37.9099	48.2403	7.9384		
14/12/2013	86.8389	0.0641	6.4152	6.4793	6.2772	267.7703	72.4402	38.0252	48.3957	7.6357		
15/12/2013	87.4478	0.0664	6.2271	6.2935	5.8583	268.7270	74.7815	37.9762	48.4416	7.7529		
16/12/2013	87.9719	0.0687	5.9831	6.0518	5.5511	271.4178	79.2993	38.0082	48.5618	8.2275		
17/12/2013	89.2446	0.0911	4.7769	4.8681	5.3654	272.5031	78.6355	38.4768	49.3430	16.8788		
18/12/2013	88.9380	0.0858	4.8802	4.9660	5.5620	268.8742	71.6395	38.4857	49.3079	17.4214		
19/12/2013	89.3859	0.0424	4.3952	4.4376	5.7258	268.2415	63.7500	38.6811	49.6627	19.2942		
20/12/2013	88.3646	0.0929	4.2544	4.3473	6.4377	270.5155	62.3701	39.2035	49.9989	18.3412		
21/12/2013	88.8171	0.1257	3.9358	4.0615	6.2282	272.3233	75.1662	39.2967	50.1696	18.2059		
22/12/2013	89.7992	0.1267	4.1123	4.2390	5.4768	269.0897	63.5773	38.7119	49.7479	19.0287		
23/12/2013	89.6916	0.1128	4.0665	4.1794	5.6165	269.6048	56.9648	38.7907	49.8239	17.8602		
24/12/2013	89.2394	0.0774	4.4710	4.5484	5.7340	268.8612	70.1662	38.6557	49.5918	17.4554		
25/12/2013	88.6216	0.0401	4.9347	4.9748	5.8972	268.8813	79.1435	38.5544	49.3558	19.8576		
26/12/2013	88.4826	0.0342	4.9813	5.0155	6.0022	266.2104	87.4077	38.5535	49.3393	17.1545		
27/12/2013	88.7003	0.0360	4.8467	4.8828	5.9347	268.8364	86.4132	38.5892	49.4171	17.2380		
28/12/2013	88.8515	0.0435	4.9171	4.9606	5.5948	271.1347	82.7473	38.5460	49.3571	19.6749		
29/12/2013	87.4591	0.0334	5.4195	5.4528	6.4824	267.8009	82.6960	38.5954	49.1784	15.6924		
30/12/2013	88.2516	0.0344	5.2799	5.3143	5.9716	267.4331	113.7653	38.4180	49.1301	20.6232		
31/12/2013	88.0542	0.0376	5.5654	5.6030	5.9207	266.6012	118.1886	38.2657	48.9148	18.6442		

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

Mínimo	86.4676	0.0334	3.9358	4.0615	5.2618	266.2104	54.5048	37.9099	48.2403	7.0087		
Promedio	88.1686	0.0782	5.2903	5.3685	5.9521	269.6164	74.7507	38.4355	49.1089	12.9985		
Máximo	89.7992	0.1575	6.6034	6.6769	6.6793	275.1554	118.1886	39.2967	50.1696	20.6232		
Desv. Est.	0.86622	0.03729	0.73916	0.73461	0.37454	2.11458	14.87858	0.32979	0.49797	5.24382		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

PERMISIONARIO:	GDF Suez	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/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.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/12/2013	88.7339	0.2089	7.2845	7.3838	6.1543	278.2642	74.5899	38.5860	49.2330	23.8331		
02/12/2013	89.2934	0.1851	7.1987	7.3838	6.1543	277.1864	67.5235	38.4135	49.1681	19.6560		
03/12/2013	89.1070	0.1858	6.8591	7.0449	6.5445	278.9644	66.6402	38.6394	49.3658	20.0066		
04/12/2013	87.8871	0.1340	7.1097	7.2438	6.6015	273.1949	65.3643	38.3668	48.9482	19.3754		
05/12/2013	89.3328	0.2084	7.1050	7.3134	6.2802	274.6372	67.3272	38.6802	49.3760	14.2728		
06/12/2013	89.4887	0.1962	6.0640	6.2603	6.5154	278.8943	70.8604	38.7348	49.6460	18.6477		
07/12/2013	88.5285	0.1055	6.4211	6.5266	6.9702	276.2498	93.8263	38.7868	49.5666	18.3847		
08/12/2013	87.9294	0.0696	6.5054	6.5750	7.1921	276.8245	97.0650	38.7473	49.3083	19.4368		
09/12/2013	88.0852	0.0767	6.3108	6.3875	7.5397	279.5359	97.8502	38.9415	49.5208	20.4976		
10/12/2013	87.4553	0.0749	7.5352	7.6101	8.3694	273.1825	90.2931	38.5263	48.8311	19.3053		
11/12/2013	87.7525	0.0784	6.4643	6.5427	7.2546	278.6412	93.7281	38.7664	49.3156	17.2801		
12/12/2013	90.2488	0.1177	6.9038	7.0215	6.8449	290.9318	73.2159	39.1818	50.0291	14.2991		
13/12/2013	89.1592	0.1311	6.5160	6.6470	6.7616	289.4792	76.8472	38.5499	49.1636	18.2006		
14/12/2013	87.9279	0.1040	7.4990	7.6030	7.2066	277.9264	79.8897	38.1332	48.6035	13.4125		
15/12/2013	88.2277	0.1021	7.2409	7.3430	7.1786	274.7498	84.9933	38.3175	48.8996	14.1938		
16/12/2013	88.0353	0.0885	6.8118	6.9004	6.4518	274.4237	90.4894	38.2473	48.7760	17.2538		
17/12/2013	89.1457	0.0967	6.7992	6.8959	6.4930	277.9258	94.6114	38.5995	49.2097	28.8264		
18/12/2013	89.7199	0.1134	5.3951	5.5084	6.5137	278.0771	81.4600	39.0257	49.7872	28.8264		
19/12/2013	89.6660	0.1094	5.5562	5.6656	6.1394	277.9324	77.5343	38.6792	49.5312	28.8264		
20/12/2013	89.8225	0.0871	4.9621	5.0492	6.3267	274.2733	75.9639	39.0392	50.0565	28.8264		
21/12/2013	89.3173	0.1515	5.4465	5.5981	6.9352	280.2112	84.6988	39.9783	50.6083	28.8264		
22/12/2013	90.1555	0.1947	5.0945	5.2892	6.6909	279.2139	87.2506	39.8157	50.5145	28.8264		
23/12/2013	90.4667	0.1914	4.8264	5.0178	6.2779	274.2006	73.1178	39.2841	50.2775	28.8264		
24/12/2013	90.0077	0.1483	4.4711	4.6194	6.1180	273.6436	80.6749	38.9839	50.0557	28.8264		
25/12/2013	89.9498	0.1377	4.8371	4.9748	6.2471	275.7251	86.4654	38.8836	49.9164	28.8264		
26/12/2013	89.3904	0.0704	5.1199	5.1903	6.5530	276.9757	94.6114	38.7537	49.5200	28.8264		
27/12/2013	88.8387	0.0380	5.5336	5.5717	6.3980	275.0285	91.6671	38.7771	49.5179	28.8264		
28/12/2013	89.0449	0.0397	5.1559	5.1956	6.1557	278.6597	93.1393	38.8692	49.6641	28.8264		
29/12/2013	94.9194	0.1229	6.0561	6.1791	6.8501	281.4839	95.6910	38.9218	50.5006	28.8264		
30/12/2013	88.5115	0.0481	5.6474	5.6955	6.8729	264.7102	160.5646	38.8043	49.4501	28.8264		
31/12/2013	88.7958	0.0373	5.7828	5.8200	6.2444	276.0433	150.5539	38.7304	49.4117	28.8264		

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

Mínimo	87.4553	0.0373	4.4711	4.6194	5.9352	264.7102	65.3643	38.1332	48.6035	13.4125		
Promedio	89.1918	0.1179	6.1456	6.2635	6.6651	277.3287	87.6938	38.7989	49.5411	23.2404		
Máximo	94.9194	0.2089	7.5352	7.6101	8.3694	290.9318	160.5646	39.9783	50.6083	28.8264		
Desv. Est.	1.33778	0.05242	0.90566	0.91302	0.50838	4.60952	20.74633	0.39169	0.51490	5.84337		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Mínimos diarios)

PERMISIONARIO:	GDF Suez	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/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.
01/12/2013	86.6288	0.0923	5.0856	5.1779	5.0759	262.9896	60.8497	37.4610	47.6692	3.5197		
02/12/2013	85.9726	0.1217	4.9549	5.0766	4.7316	262.2126	47.8946	37.6624	47.8406	4.2588		
03/12/2013	86.6002	0.0843	4.8074	4.8918	5.2148	261.5682	56.7276	37.5397	47.8979	5.3588		
04/12/2013	86.1507	0.0411	5.5208	5.5619	5.6113	261.7589	55.7462	37.6165	47.8763	4.4172		
05/12/2013	86.7950	0.0544	4.6152	4.6696	5.0451	263.4574	50.4463	37.5939	47.8973	4.2852		
06/12/2013	86.9384	0.0792	4.3033	4.3826	5.2251	262.0581	50.1519	38.1974	48.6690	5.3500		
07/12/2013	86.8187	0.0419	4.6769	4.7188	5.7567	265.7558	70.5660	38.0504	48.4228	5.6491		
08/12/2013	86.6264	0.0378	5.2677	5.3055	6.0392	265.4813	79.7916	38.1038	48.4204	5.7987		
09/12/2013	86.3674	0.0329	4.8652	4.8981	5.8690	264.6431	70.0753	38.2312	48.5743	4.8572		
10/12/2013	83.4565	0.0342	5.8473	5.8815	5.9488	264.4070	80.9693	37.9840	48.1366	5.4555		
11/12/2013	86.4891	0.0359	5.2032	5.2392	5.8894	265.0224	67.2291	38.0509	48.4068	3.8805		
12/12/2013	86.0219	0.0376	4.1174	4.1549	4.4148	266.0889	63.2051	37.8516	48.1036	4.4524		
13/12/2013	86.8229	0.0523	5.1519	5.2041	4.8080	265.8863	67.2291	38.0104	48.3499	4.3996		
14/12/2013	85.2463	0.0391	5.9375	5.9766	5.4449	263.8040	67.7198	37.6177	47.7746	5.0420		
15/12/2013	85.4251	0.0394	5.5600	5.5994	5.3405	262.3824	70.4678	37.6074	47.8360	5.0420		
16/12/2013	86.7641	0.0478	5.7881	5.8359	5.4327	264.4900	72.2344	37.7010	48.0513	4.5052		
17/12/2013	87.0760	0.0409	5.2545	5.2955	4.5605	266.3216	72.5289	37.6196	48.0401	4.3732		
18/12/2013	88.2223	0.0648	4.3775	4.4423	5.0784	277.7755	67.5235	38.0527	48.8466	9.5854		
19/12/2013	87.7884	0.0681	4.5395	4.6075	5.0769	277.7039	58.5923	38.2987	48.9348	12.7015		
20/12/2013	88.9255	0.0323	3.9850	4.0173	5.0012	263.5699	57.4146	38.2821	49.1916	11.9817		
21/12/2013	86.4385	0.0341	3.7557	3.7898	5.9159	262.6839	71.1549	38.8068	49.4732	13.2458		
22/12/2013	87.8229	0.0555	3.4675	3.5230	5.5972	263.4651	49.6612	38.5910	49.3010	13.5266		
23/12/2013	89.1612	0.0935	3.6145	3.7079	4.9233	264.3388	45.0484	38.3549	49.2541	11.2269		
24/12/2013	88.8618	0.0896	3.7305	3.8200	5.3363	263.0094	64.3829	38.5566	49.6137	10.1735		
25/12/2013	88.7798	0.0425	3.9667	4.0092	5.4632	263.2246	68.6031	38.4459	49.3307	13.2019		
26/12/2013	87.7124	0.0325	4.6661	4.6986	5.3473	263.7846	76.3565	38.3620	49.1991	9.6995		
27/12/2013	87.9928	0.0309	4.7614	4.7923	5.7026	261.2713	82.1471	38.2766	48.9397	9.9014		
28/12/2013	88.4026	0.0310	4.5792	4.6102	5.5924	262.6300	78.0250	38.4163	49.1986	11.2444		
29/12/2013	86.7074	0.0169	2.1829	2.1998	2.4207	264.5778	76.5528	38.3197	48.8354	8.6023		
30/12/2013	86.8218	0.0260	4.8757	4.9017	5.7365	261.5898	94.2188	38.3002	49.0196	12.2714		
31/12/2013	87.6254	0.0312	4.8603	4.8915	5.6358	260.6408	101.0890	38.1485	48.7740	12.6401		

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Mínimo	83.4565	0.0169	2.1829	2.1998	2.4207	260.6408	45.0484	37.4610	47.6692	3.5197		
Promedio	87.0149	0.0504	4.6555	4.7058	5.2657	264.4707	67.5678	38.0681	48.5767	7.7628		
Máximo	89.1612	0.1217	5.9375	5.9766	6.0392	277.7755	101.0890	38.8068	49.6137	13.5266		
Desv. Est.	1.21378	0.02463	0.80306	0.80237	0.67430	3.84584	12.97896	0.35830	0.58614	3.57290		

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