

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio 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.
01/11/2013	90.7057	0.2155	3.6217	3.8372	4.8964	257.6437	60.2122	38.7331	49.9161	3.7921		
02/11/2013	90.2701	0.2001	3.9716	4.1718	5.0490	255.9800	46.1477	38.6076	49.6989	3.7956		
03/11/2013	90.4116	0.1789	4.1195	4.2983	4.8333	256.2306	47.7437	38.4607	49.5616	3.9863		
04/11/2013	89.8541	0.1587	4.4687	4.6275	5.0301	256.5273	39.3373	38.4134	49.3950	4.3087		
05/11/2013	86.9104	0.0654	6.3308	6.3962	6.0373	259.4816	57.7390	38.1447	48.5021	4.7230		
06/11/2013	87.2634	0.1192	5.6865	5.8057	6.4543	257.1341	76.7493	38.3529	48.8652	4.4485		
07/11/2013	87.4948	0.1309	5.2597	5.3905	6.5746	259.8726	71.9094	38.5901	49.1802	4.5690		
08/11/2013	86.9654	0.1009	5.6105	5.7114	6.7487	267.0167	68.6591	38.5590	49.0329	4.1591		
09/11/2013	87.1403	0.1168	5.4600	5.5769	6.6998	268.9312	67.7371	38.6116	49.1175	4.7315		
10/11/2013	87.2184	0.1130	5.1710	5.2840	6.7978	269.7319	65.8902	38.8250	49.3699	2.3465		
11/11/2013	87.0529	0.0905	5.7746	5.8651	6.5313	271.2388	71.5166	38.4409	48.8989	2.3343		
12/11/2013	87.9275	0.1197	5.2879	5.4076	6.1660	272.3366	70.8153	38.4870	49.1130	4.6656		
13/11/2013	88.6713	0.1360	4.6704	4.8065	6.0109	273.2877	68.6675	38.6837	49.4837	4.2616		
14/11/2013	87.7826	0.0933	4.9924	5.0857	6.5674	270.8845	65.6895	38.7584	49.4192	4.0634		
15/11/2013	88.8810	0.1709	4.5744	4.7453	5.9239	271.3955	63.5573	38.6353	49.4759	3.5683		
16/11/2013	88.6550	0.1367	4.7776	4.9144	6.0567	270.8055	62.6725	38.5578	49.3626	3.9223		
17/11/2013	87.3960	0.0683	5.7565	5.8249	6.3862	270.4294	67.0003	38.3143	48.8439	9.6560		
18/11/2013	87.4325	0.0732	5.7742	5.8474	6.3159	271.8080	79.5664	38.2996	48.8245	10.4538		
19/11/2013	87.6225	0.1021	5.7241	5.8262	6.0531	273.1403	81.7905	38.3036	48.8292	9.8157		
20/11/2013	88.3488	0.1245	5.1410	5.2655	5.8623	275.9913	81.4452	38.4858	49.1712	8.5348		
21/11/2013	88.3210	0.0875	5.1077	5.1952	6.0701	271.4603	69.3578	38.4809	49.2069	8.6642		
22/11/2013	88.2044	0.0867	5.0256	5.1123	6.2871	270.7505	67.4796	38.5643	49.2928	9.3670		
23/11/2013	88.8185	0.1575	4.6520	4.8095	5.9039	271.2180	62.9815	38.6144	49.4363	8.3812		
24/11/2013	88.9070	0.1481	4.9434	5.0916	5.5767	272.0277	62.7065	38.3880	49.1815	1.7542		
25/11/2013	89.6048	0.2114	4.3748	4.5862	5.4167	271.2720	68.3906	38.5172	49.4624	4.1260		
26/11/2013	90.1896	0.2286	4.0081	4.2367	5.1920	272.1560	62.3919	38.5809	49.6482	6.9811		
27/11/2013	90.9893	0.2826	3.3245	3.6071	4.9889	271.6766	58.7148	38.7825	50.0321	6.0799		
28/11/2013	91.4298	0.2598	3.0358	3.2957	4.6715	272.5123	49.9504	38.9296	50.2623	6.7214		
29/11/2013	89.7477	0.1958	4.3809	4.5767	5.0985	270.6842	46.6583	38.5407	49.4869	7.3164		
30/11/2013	87.5953	0.1275	6.2879	6.4155	5.4808	268.9822	62.2064	37.9016	48.3313	8.8726		

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

Mínimo	86.9104	0.0654	3.0358	3.2957	4.6715	255.9800	39.3373	37.9016	48.3313	1.7542		
Promedio	88.5937	0.1433	4.9105	5.0538	5.8560	268.0869	64.1895	38.5188	49.2801	5.6800		
Máximo	91.4298	0.2826	6.3308	6.4155	6.7978	275.9913	81.7905	38.9296	50.2623	10.4538		
Desv. Est.	1.33957	0.05690	0.82325	0.77266	0.64533	6.14473	10.34642	0.20697	0.42055	2.50196		

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/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.
01/11/2013	90.9525	0.2692	4.0097	4.2789	5.1982	262.0648	71.5474	38.9896	50.1736	6.2035		
02/11/2013	90.9525	0.2692	4.0097	4.2789	5.1982	262.0648	55.7462	38.9896	50.1736	5.8339		
03/11/2013	90.7896	0.2304	4.4779	4.7083	5.5280	259.5081	58.7886	38.7857	49.9181	7.0922		
04/11/2013	91.1135	0.2280	5.9522	6.1802	5.2547	259.6656	43.6744	38.6761	49.8635	8.8129		
05/11/2013	90.6171	0.1930	5.9709	6.1639	5.4341	261.4718	91.6671	38.6032	49.6897	11.9730		
06/11/2013	88.2423	0.1198	7.0299	7.1497	7.2513	267.4923	95.0040	38.7943	49.1901	10.1296		
07/11/2013	88.2372	0.1636	6.6369	6.8005	7.5770	263.5564	80.0860	38.7547	49.2059	9.8487		
08/11/2013	88.9286	0.1593	6.7317	6.8910	7.4849	266.2259	74.3936	38.9615	49.5108	28.8264		
09/11/2013	89.0891	0.1540	5.9466	6.1006	7.4616	283.5247	75.5714	38.8644	49.5289	9.8136		
10/11/2013	88.1185	0.1501	6.2118	6.3618	7.3641	276.3933	71.1549	39.0265	49.5638	8.0756		
11/11/2013	88.3971	0.1489	6.1675	6.3164	7.6246	278.3462	75.8658	39.3111	49.7421	7.5489		
12/11/2013	87.7974	0.1197	6.9346	7.0542	6.9812	279.2089	76.3565	38.8427	49.4882	11.1566		
13/11/2013	88.8328	0.1449	6.3634	6.5084	7.3721	281.1532	84.6988	38.8475	49.5596	9.2869		
14/11/2013	89.3514	0.1725	5.0680	5.2404	6.5254	274.5352	69.3883	39.0682	49.7684	9.7785		
15/11/2013	91.9195	0.3806	6.2361	6.6168	7.1154	279.3648	70.2716	39.5848	51.2177	8.8217		
16/11/2013	97.8689	0.2573	5.6417	5.8990	6.8105	281.2964	66.0513	39.0212	51.5035	11.8062		
17/11/2013	91.3907	0.2789	5.2119	5.4908	6.4804	278.0934	77.2398	38.9092	50.0827	27.3036		
18/11/2013	87.8855	0.0928	6.4135	6.5063	7.8494	277.4868	83.8155	38.8039	49.2484	24.8247		
19/11/2013	88.3283	0.1033	7.0394	7.1427	8.1421	280.0595	91.3727	38.7891	49.3072	22.4432		
20/11/2013	88.8243	0.1201	7.3751	7.4952	7.4983	278.9037	90.0968	38.5459	49.1465	17.2275		
21/11/2013	89.1183	0.1493	5.6584	5.8077	6.4424	284.4944	82.6378	38.6478	49.3997	16.5787		
22/11/2013	88.8213	0.1351	5.4797	5.6148	6.6561	280.5597	72.9215	38.7617	49.4916	17.0521		
23/11/2013	89.0394	0.1811	5.4622	5.6432	6.9568	278.0406	73.6085	38.7107	49.4289	16.4209		
24/11/2013	89.3764	0.2046	4.8382	5.0429	6.2597	276.4153	73.2159	38.7533	49.6227	11.9817		
25/11/2013	89.3113	0.1860	5.3678	5.5538	6.1480	278.0208	79.4972	38.5534	49.3815	18.2620		
26/11/2013	90.4843	0.2596	4.9385	5.1981	5.7738	273.3248	70.3697	38.7343	49.7705	19.5508		
27/11/2013	90.6686	0.2804	5.6692	5.9495	6.9373	277.5090	67.7198	38.7953	49.8592	20.1206		
28/11/2013	93.4289	0.4863	3.9676	4.4539	5.3358	275.4697	67.3272	40.0344	51.9582	26.4803		
29/11/2013	96.5179	0.3186	3.6155	3.9341	5.0095	282.0059	69.3883	39.3757	51.7880	28.8264		
30/11/2013	91.7290	0.2928	6.8405	7.1333	6.4528	278.1239	68.5050	39.0659	50.3489	27.0557		

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

Mínimo	87.7974	0.0928	3.6155	3.9341	5.0095	259.5081	43.6744	38.5459	49.1465	5.8339		
Promedio	90.2044	0.2083	5.7089	5.9172	6.6041	274.4793	74.2661	38.9201	49.8977	15.3045		
Máximo	97.8689	0.4863	7.3751	7.4952	8.1421	284.4944	95.0040	40.0344	51.9582	28.8264		
Desv. Est.	2.36186	0.08857	1.01343	0.96230	0.91018	7.69112	10.88205	0.31524	0.75661	7.46348		

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 Rocío (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.
01/11/2013	90.2508	0.1746	3.2815	3.4561	4.6183	254.9290	53.5870	38.5775	49.6700	2.8950		
02/11/2013	90.2508	0.1746	3.2815	3.4561	4.6183	254.9290	40.5337	38.5775	49.6700	2.8070		
03/11/2013	89.2784	0.1760	3.6560	3.8320	4.7164	252.8738	39.3560	38.4367	49.4509	2.7190		
04/11/2013	88.8217	0.0643	3.5954	3.6598	4.2055	254.2690	37.1968	37.7522	48.4206	3.0445		
05/11/2013	88.2961	0.0669	3.9690	4.0359	4.6332	254.3612	40.9263	37.9497	48.5297	3.0006		
06/11/2013	85.4803	0.0368	5.5400	5.5768	4.8332	254.1671	68.9957	37.5375	47.8984	2.8334		
07/11/2013	85.9729	0.0729	5.0375	5.1105	5.3295	264.5542	67.3272	37.7115	48.1978	2.9214		
08/11/2013	85.2360	0.0690	4.8938	4.9628	5.1348	255.4115	63.7940	38.0609	48.4095	2.8950		
09/11/2013	86.0138	0.0362	4.5786	4.6148	5.8607	256.8459	62.7144	38.1386	48.7016	2.8686		
10/11/2013	86.1067	0.0420	4.6883	4.7303	6.2985	263.3649	63.3033	38.2461	48.6379	0.5720		
11/11/2013	85.9536	0.0504	4.5353	4.5857	5.7984	264.6021	68.2105	38.4121	48.7440	0.0968		
12/11/2013	85.8091	0.0460	4.9108	4.9568	5.9343	265.6257	66.7384	37.9972	48.1912	2.8422		
13/11/2013	85.6056	0.0902	4.6682	4.7583	5.7164	267.2431	65.8551	38.2568	48.6477	2.7014		
14/11/2013	87.9910	0.0933	4.3451	4.4384	5.4493	267.6971	62.9107	38.4195	49.2387	0.5896		
15/11/2013	86.2256	0.0240	1.5697	1.5938	5.7959	263.8546	60.2608	38.3024	48.6535	0.7215		
16/11/2013	87.4283	0.1330	0.3011	0.4341	1.2453	264.1217	60.5552	38.3157	48.9078	0.2024		
17/11/2013	87.9206	0.0944	3.3725	3.4669	4.5239	265.6987	59.9664	38.3969	49.1328	1.3287		
18/11/2013	85.1364	0.0322	5.1694	5.2016	5.9122	265.5700	73.9029	38.0180	48.5388	5.9835		
19/11/2013	84.2455	0.0361	5.2594	5.2956	5.5646	279.4492	74.3936	37.9033	48.3263	5.6492		
20/11/2013	84.6231	0.0543	5.2637	5.3180	5.1300	265.7267	73.5103	37.8600	48.0213	5.3148		
21/11/2013	87.3411	0.0793	4.7713	4.8506	5.2953	271.9284	62.8126	38.3104	48.8647	5.3764		
22/11/2013	87.6132	0.0287	4.7744	4.8031	5.3482	264.5591	62.1256	38.1306	48.8275	6.0011		
23/11/2013	87.4276	0.0287	4.6928	4.7214	5.5950	264.8794	59.7701	38.3568	49.0157	6.1419		
24/11/2013	88.3959	0.1050	4.3775	4.4825	5.3689	266.7924	55.2554	38.3965	49.2796	0.0264		
25/11/2013	88.2650	0.1017	4.6336	4.7353	5.2395	277.5268	64.8736	38.1526	48.9109	0.2816		
26/11/2013	88.8441	0.1517	3.7911	3.9428	4.6681	265.9693	55.1573	38.2878	49.1238	1.8654		
27/11/2013	86.9921	0.1102	3.6160	3.7262	4.8964	259.4637	54.8629	38.2233	48.8922	0.6599		
28/11/2013	90.2735	0.2407	0.3534	0.5941	4.6766	279.3435	40.6319	38.5172	49.6449	1.3639		
29/11/2013	90.7075	0.2197	0.2210	0.4407	2.4105	281.6954	40.8282	38.7244	49.8954	2.4638		
30/11/2013	86.9290	0.1208	2.9104	3.0311	4.2215	263.2989	54.7647	37.6525	47.9793	4.2148		

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

Mínimo	84.2455	0.0240	0.2210	0.4341	1.2453	252.8738	37.1968	37.5375	47.8984	0.0264		
Promedio	87.3145	0.0918	3.8686	3.9604	4.9680	264.3584	58.5040	38.1874	48.8141	2.6794		
Máximo	90.7075	0.2407	5.5400	5.5768	6.2985	281.6954	74.3936	38.7244	49.8954	6.1419		
Desv. Est.	1.78572	0.05917	1.47675	1.43684	1.02271	7.87159	10.90365	0.29392	0.52978	1.91550		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ