

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/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.
01/07/2013	90.4486	0.2819	3.4487	3.7307	5.3497	256.5485	68.0019	38.8259	50.0033	2.9218	< 10.8	0.0000
02/07/2013	90.2160	0.3398	3.6410	3.9808	5.3064	258.1736	60.4724	38.7513	49.8361	2.9750		
03/07/2013	90.3321	0.3768	3.8174	4.1942	5.1131	257.1579	56.8728	38.5152	49.5947	3.0573		
04/07/2013	90.8465	0.3304	3.1343	3.4647	5.3355	258.1067	56.3000	38.8554	50.1276	2.7947		
05/07/2013	91.6494	0.3811	2.4234	2.8045	5.2462	255.1956	50.9641	39.0496	50.5234	2.8329		
06/07/2013	91.6962	0.3384	2.5444	2.8828	5.1210	256.3122	41.8490	38.9838	50.4598	2.6717		
07/07/2013	91.3922	0.3132	2.9982	3.3114	5.0100	256.7348	45.7146	38.7808	50.1553	2.6866		
08/07/2013	90.2387	0.2021	4.1255	4.3276	5.1224	257.6895	59.8818	38.4383	49.5304	3.0241		
09/07/2013	89.8840	0.2401	3.9261	4.1662	5.5545	258.3052	77.7495	38.6772	49.7346	2.9481		
10/07/2013	90.1956	0.2337	3.6153	3.8489	5.6596	256.7472	147.9978	38.7619	49.9219	3.1358		
11/07/2013	89.9652	0.2574	3.8671	4.1246	5.5572	256.4155	107.7435	38.6683	49.7438	3.5508		
12/07/2013	90.2461	0.2723	3.4127	3.6850	5.7086	254.7782	160.8274	38.8837	50.0603	3.4326		
13/07/2013	90.4465	0.2994	3.5526	3.8520	5.3260	254.0234	49.2658	38.7151	49.8812	2.6672		
14/07/2013	90.4491	0.2776	3.8456	4.1232	5.1027	253.5964	36.2553	38.5159	49.6488	2.4133		
15/07/2013	90.7487	0.2948	3.5177	3.8125	5.0804	255.7114	32.1902	38.6509	49.8618	2.4830		
16/07/2013	90.5920	0.2479	4.0117	4.2596	4.8141	259.3015	45.7539	38.3887	49.5201	3.0888		
17/07/2013	90.6588	0.2367	4.0022	4.2389	4.7756	259.1738	77.6768	38.3816	49.5269	3.1762		
18/07/2013	90.6568	0.2367	4.0022	4.2389	4.7756	259.1738	100.9397	38.3816	49.5269	3.5918		
19/07/2013	90.6568	0.2367	4.0022	4.2389	4.7756	259.1738	79.7436	38.3816	49.5269	3.7791		
20/07/2013	90.6568	0.2367	4.0022	4.2389	4.7756	259.1738	77.8958	38.3816	49.5269	3.5059		
21/07/2013	90.6568	0.2367	4.0022	4.2389	4.7756	259.1738	65.4829	38.3816	49.5269	3.4486		
22/07/2013	91.6600	0.2842	2.7106	2.9948	4.9989	257.0142	63.5962	38.9383	50.3957	2.9811		
23/07/2013	90.5998	0.3034	3.5127	3.8161	5.1983	257.4052	76.5443	38.7062	49.8904	2.3524		
24/07/2013	90.0754	0.2683	3.9363	4.2047	5.8729	256.7479	113.7008	38.5780	49.6525	2.2004		
25/07/2013	90.9012	0.2967	3.2944	3.5911	5.1967	256.2927	87.1608	38.7435	50.0135	2.3288		
26/07/2013	90.9441	0.3314	3.0754	3.4068	5.3339	255.8285	78.0352	38.8566	50.1535	1.0964		
27/07/2013	90.8181	0.3376	3.2725	3.6100	5.2585	256.6927	67.2850	38.7555	50.0027	1.1708		
28/07/2013	90.6814	0.3615	3.3022	3.6637	5.3552	256.0664	59.2010	38.7529	49.9720	1.9910		
29/07/2013	90.4306	0.3375	3.5576	3.8951	5.3722	256.0969	57.2922	38.6705	49.8271	1.9195		
30/07/2013	90.6841	0.3407	3.3086	3.6493	5.3629	256.4454	64.5694	38.7634	49.9896	2.3234		
31/07/2013	90.5562	0.3325	3.3191	3.6515	5.4758	255.8983	61.5627	38.8027	50.0135	3.0338		

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

Mínimo	89.8840	0.2021	2.4234	2.8045	4.7756	253.5964	32.1902	38.3816	49.5201	1.0964		
Promedio	90.6446	0.2924	3.5220	3.8144	5.2003	256.9405	71.8879	38.6754	49.8757	2.7607		
Máximo	91.6962	0.3811	4.1255	4.3276	5.7086	259.3015	160.8274	39.0496	50.5234	3.7791		
Desv. Est.	0.45794	0.04836	0.45239	0.42048	0.26898	1.53269	29.17073	0.19448	0.28605	0.64091		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ DE ACUERDO AL LABORATORIO ACREDITADO QUE REALIZÓ LOS ANÁLISIS DEL GAS NATURAL, EL NIVEL DE OXÍGENO ES INFERIOR AL MÍNIMO DETECTABLE POR SUS EQUIPOS (0.01% MOL)

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Máximos diarios)

PERMISIONARIO:	GDF Suez	GDF SUEZ
PUNTO DE MEDICIÓN:	Tetia	
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/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.
01/07/2013	90.8208	0.2917	4.4402	4.7319	6.7223	261.5442	81.1656	39.6882	50.5155	4.5492		
02/07/2013	91.0581	0.3454	4.1225	4.4679	5.8496	262.6776	62.9107	39.0631	50.1945	4.6108		
03/07/2013	90.6757	0.4342	4.0166	4.4508	5.7839	262.4751	61.3404	39.1016	50.0641	4.8836		
04/07/2013	90.5626	0.4185	4.0645	4.4830	5.6135	260.9857	59.5738	38.7303	49.7747	4.9540		
05/07/2013	91.4362	0.3767	4.6091	4.9857	5.9637	261.8025	66.4439	39.1541	50.4620	4.4788		
06/07/2013	92.1324	0.4342	2.9488	3.3830	5.8495	258.5844	46.1280	39.2097	50.8187	3.5285		
07/07/2013	94.8751	0.4585	2.9561	3.4146	5.6384	259.2429	50.8389	39.3571	51.1606	3.6517		
08/07/2013	91.8423	0.3435	3.4804	3.8239	5.5399	259.5278	73.5103	38.9660	50.3439	5.1476		
09/07/2013	90.9653	0.2760	4.9425	5.2185	6.2400	261.4134	84.3062	38.8243	49.9614	5.3940		
10/07/2013	90.3518	0.2837	4.1730	4.4566	5.9237	262.9916	321.3255	38.9115	50.0268	5.4731		
11/07/2013	90.9301	0.3094	5.7692	6.0787	7.2166	261.9469	203.3557	38.9722	50.1433	15.1672		
12/07/2013	90.9164	0.3216	4.9519	5.2735	7.0451	261.5733	196.6818	39.1273	50.0808	8.7339		
13/07/2013	90.6756	0.3062	3.8642	4.1704	6.1846	259.4802	96.0836	39.1280	50.3453	4.1533		
14/07/2013	91.0088	0.3300	4.2675	4.5975	6.1689	257.3768	321.1292	38.8665	50.0660	3.5813		
15/07/2013	90.8001	0.3077	6.1620	6.4697	5.7085	258.8738	321.4236	38.7692	49.9312	4.1445		
16/07/2013	92.9539	0.3346	5.7180	6.0526	6.0402	260.1489	321.1292	38.8766	50.5346	5.0596		
17/07/2013	92.9539	0.3346	5.7180	6.0526	6.0402	260.1489	108.3517	38.8766	50.5346	6.3795		
18/07/2013	91.1491	0.3598	4.5129	4.8728	5.8750	261.9618	321.1292	38.5375	49.7720	7.2768		
19/07/2013	91.1491	0.3598	4.5129	4.8728	5.8750	261.9618	85.5821	38.5375	49.7720	6.7490		
20/07/2013	91.1491	0.3598	4.5129	4.8728	5.8750	261.9618	87.2506	38.5375	49.7720	7.1450		
21/07/2013	91.1491	0.3598	4.5129	4.8728	5.8750	261.9618	87.0543	38.5375	49.7720	6.2035		
22/07/2013	0.0000	0.0000	0.0000	0.0000	0.0000	255.3722	68.7012	0.0000	0.0000	5.4995		
23/07/2013	92.1927	0.3168	3.6072	3.9239	5.7263	262.0081	99.5187	39.3079	50.7598	3.5109		
24/07/2013	91.7104	0.3505	4.3020	4.6524	5.8483	261.8151	135.3414	39.1233	50.6301	3.7045		
25/07/2013	90.7076	0.3286	5.0826	5.4112	6.4021	260.8576	93.0411	38.8327	49.8892	5.3500		
26/07/2013	91.7927	0.3538	4.0469	4.4007	5.4833	260.2265	83.5211	38.9731	50.4605	4.5756		
27/07/2013	91.3674	0.3675	3.2635	3.6310	5.7953	261.4912	80.6749	39.0279	50.2572	3.1325		
28/07/2013	92.7950	0.3626	3.7509	4.1135	5.7078	261.5665	65.5606	38.9497	50.4573	6.8722		
29/07/2013	92.5468	0.4066	4.3511	4.7577	6.0147	261.3723	65.1680	38.9938	50.5347	6.0011		
30/07/2013	91.0836	0.3782	5.6994	6.0776	6.0280	261.2925	69.2901	38.8900	50.0053	6.6786		
31/07/2013	92.4228	0.3718	6.0971	6.4689	5.8386	258.0445	65.9532	38.9769	50.4041	7.1538		

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Mínimo	0.0000	0.0000	0.0000	0.0000	0.0000	255.3722	46.1280	0.0000	0.0000	3.1325		
Promedio	88.5863	0.3414	4.3373	4.6787	5.8024	260.7319	125.2737	37.7048	48.6272	5.6046		
Máximo	94.8751	0.4585	6.1620	6.4697	7.2166	262.9916	321.4236	39.6882	51.1606	15.1672		
Desv. Est.	16.46881	0.07720	1.17798	1.21040	1.14638	1.72002	94.02752	7.00222	9.03170	2.24029		

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.
01/07/2013	88.3932	0.2534	3.1663	3.4197	5.0997	250.5424	58.3961	38.7123	49.5883	1.9446		
02/07/2013	89.6015	0.2464	3.0932	3.3395	5.0282	253.5903	58.4942	38.5500	49.5613	2.3318		
03/07/2013	89.4901	0.2542	3.4651	3.7193	5.0764	255.4286	53.3907	38.5447	49.6415	2.0590		
04/07/2013	89.7569	0.3279	3.5966	3.9245	4.7837	254.1225	52.2129	38.3117	49.3613	2.0502		
05/07/2013	88.7722	0.2852	2.7344	3.0196	5.0300	254.0663	44.3614	38.4948	49.3040	2.2438		
06/07/2013	90.6844	0.3069	1.9675	2.2744	5.0488	253.5689	32.0933	38.8787	50.2333	2.1734		
07/07/2013	90.7705	0.3136	1.0286	1.3422	3.4613	260.3777	43.0855	38.8179	50.2021	2.0590		
08/07/2013	90.5616	0.2845	2.7455	3.0300	4.6239	255.6360	50.7408	38.6316	49.8787	2.0678		
09/07/2013	89.0931	0.1282	3.5583	3.6865	4.2235	255.9012	73.0196	37.8406	48.8711	1.9182		
10/07/2013	89.3048	0.2116	3.4185	3.6301	5.0991	254.2452	71.9400	38.4750	49.5393	1.8874		
11/07/2013	87.5414	0.0413	3.2405	3.2818	5.2339	253.1326	70.8604	38.1257	48.7122	1.8566		
12/07/2013	87.3215	0.2071	3.4625	3.6696	4.8115	250.5424	95.9854	38.3876	49.3244	2.2438		
13/07/2013	89.6247	0.1897	2.9834	3.1731	5.2797	251.1886	28.5601	38.6841	49.7634	2.0062		
14/07/2013	88.8369	0.2618	3.3090	3.5708	4.8666	251.0833	37.2214	38.4874	49.5753	1.8963		
15/07/2013	88.6046	0.0566	3.4386	3.4953	4.5910	248.2808	45.8826	37.5871	48.2394	1.7863		
16/07/2013	88.9094	0.1047	2.2592	2.3639	4.1744	250.7861	54.5439	37.7997	48.5235	1.9623		
17/07/2013	88.9094	0.1047	2.2592	2.3639	4.1744	250.7861	63.2051	37.7997	48.5235	2.1382		
18/07/2013	89.3610	0.0635	3.5121	3.5756	4.5897	256.1826	69.2901	38.1867	49.2231	2.2658		
19/07/2013	89.3610	0.0635	3.5121	3.5756	4.5897	256.1826	75.3751	38.1867	49.2231	2.3934		
20/07/2013	89.3610	0.0635	3.5121	3.5756	4.5897	263.0391	74.8844	38.1867	49.2231	2.4814		
21/07/2013	89.3610	0.0635	3.5121	3.5756	4.5897	256.1826	57.3165	38.1867	49.2231	2.6222		
22/07/2013	0.0000	0.0000	0.0000	0.0000	0.0000	255.3722	58.1998	0.0000	0.0000	2.0854		
23/07/2013	90.1169	0.2565	2.3975	2.6540	4.6345	253.3687	68.5050	38.6520	49.8160	1.5135		
24/07/2013	89.6259	0.2254	2.4684	2.6937	4.7836	254.1672	92.3541	38.4012	49.4156	1.4255		
25/07/2013	88.8855	0.1710	3.4512	3.6221	5.0723	254.3258	82.4415	38.1545	48.9667	1.4343		
26/07/2013	90.1749	0.1720	2.5043	2.6763	4.9597	253.6133	73.7066	38.4153	49.5709	0.2112		
27/07/2013	90.4510	0.2961	2.9029	3.1991	5.0308	251.8706	61.5367	38.7353	50.0222	0.3784		
28/07/2013	90.1095	0.3023	2.3005	2.6028	4.2268	252.2827	53.0962	38.3169	49.5392	0.8007		
29/07/2013	89.5607	0.2472	2.2291	2.4764	4.5719	249.4236	52.3111	38.4590	49.4147	0.6863		
30/07/2013	87.9284	0.0636	3.3454	3.4089	4.7678	252.6046	60.0645	38.1345	48.7622	0.9943		
31/07/2013	87.7306	0.0641	2.4252	2.4893	4.4760	262.9335	59.0831	37.9184	48.4624	1.5663		

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Mínimo	0.0000	0.0000	0.0000	0.0000	0.0000	248.2808	28.5601	0.0000	0.0000	0.2112		
Promedio	86.3937	0.1816	2.8322	3.0138	4.5641	254.0267	60.3922	37.0988	47.7324	1.7898		
Máximo	90.7705	0.3279	3.5966	3.9245	5.2797	263.0391	95.9854	38.8787	50.2333	2.6222		
Desv. Est.	16.05825	0.10078	0.80942	0.80974	0.93072	3.42832	15.75491	6.89271	8.87296	0.60428		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ