

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

PERMISIONARIO:	GDF Suez	
PUNTO DE MEDICIÓN:	Parque Norte	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

FECHA: (dd/mm/aa)	Metano (% vol)	Óxido 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)	Ácido Sulfhídrico (mg/m³)	Azufre total* (mg/m³)	Oxígeno* (% vol)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX.	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/10/2013	95.6976	0.4875	0.1604	0.6480	3.4867	244.6107	23.7400	39.3500	51.7000	1.0257	< 10.8	0.0000
02/10/2013	95.5136	0.5396	0.1661	0.7058	3.5712	248.1597	23.4900	39.3800	51.6700	1.0253		
03/10/2013	94.7393	0.6216	0.1621	0.7837	4.2719	247.3556	20.9600	39.5400	51.7100	1.0148		
04/10/2013	95.2015	0.6047	0.1616	0.7662	3.8040	248.2549	19.5700	39.4400	51.6600	0.8348		
05/10/2013	95.6183	0.6065	0.1675	0.7739	3.3941	250.1025	22.6800	39.3100	51.5800	0.8042		
06/10/2013	95.7980	0.5648	0.1702	0.7350	3.3083	245.1584	17.9500	39.2400	51.5600	0.7034		
07/10/2013	95.9908	0.5665	0.1720	0.7385	3.1174	245.1815	18.6100	39.1800	51.5400	0.7375		
08/10/2013	96.0078	0.5714	0.1950	0.7664	3.0527	252.8027	20.8000	39.1700	51.5100	0.5698		
09/10/2013	95.6836	0.6011	0.1707	0.7719	3.3745	245.8862	17.2700	39.2600	51.5600	0.8301		
10/10/2013	95.9044	0.6214	0.1688	0.7902	3.1565	243.6154	20.2900	39.1800	51.5000	0.8529		
11/10/2013	96.0928	0.6511	0.1672	0.8181	2.9464	244.2164	21.1200	39.0900	51.4200	0.9779		
12/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	17.2600	39.0400	51.3900	1.6811		
13/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	9.4100	39.0400	51.3900	2.3464		
14/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	21.1300	39.0400	51.3900	1.7991		
15/10/2013	95.4008	0.7781	0.1889	0.9671	3.3860	254.2141	20.3900	39.2600	51.4300	1.7554		
16/10/2013	95.3828	0.6118	0.1681	0.7799	3.6386	254.1464	17.4600	39.3600	51.6100	1.2512		
17/10/2013	94.9457	0.8232	0.1832	1.0064	3.8384	255.2834	10.1900	39.3500	51.4500	1.7962		
18/10/2013	95.4336	0.7440	0.1857	0.9297	3.4488	239.9754	14.6300	39.2400	51.4400	1.7628		
19/10/2013	95.5785	0.7849	0.1845	0.9695	3.2939	237.1114	11.0900	39.1500	51.3600	1.7744		
20/10/2013	95.5514	0.8152	0.1875	1.0026	3.3620	226.1371	11.7500	39.1200	51.3200	2.5331		
21/10/2013	96.1094	0.6800	0.1858	0.8658	2.9321	221.3837	16.5200	39.0500	51.3900	2.1517		
22/10/2013	96.3246	0.6312	0.1809	0.8121	2.6890	245.9083	14.6000	39.0600	51.4100	1.4935		
23/10/2013	96.1666	0.6898	0.1851	0.8748	2.7604	255.3695	12.6100	39.0700	51.3700	1.4039		
24/10/2013	95.9801	0.7227	0.1812	0.9040	2.8998	254.9079	10.7600	39.1100	51.3800	1.6130		
25/10/2013	96.3893	0.6769	0.1700	0.8469	2.5687	253.1542	14.5900	39.0200	51.3700	1.5723		
26/10/2013	96.2974	0.6296	0.1762	0.8058	2.7316	253.0492	14.6400	39.0600	51.4200	1.5069		
27/10/2013	96.2782	0.6638	0.1744	0.8382	2.7202	251.6944	13.2700	39.0400	51.3800	1.5251		
28/10/2013	96.0682	0.7069	0.1741	0.8809	2.8755	253.0816	11.8200	39.0800	51.3800	1.5161		
29/10/2013	95.7869	0.7822	0.1759	0.9581	2.9088	259.3377	17.1100	39.2100	51.4000	1.4918		
30/10/2013	96.3849	0.6659	0.1731	0.8390	2.5253	256.0003	19.8500	39.0700	51.4000	1.2341		
31/10/2013	96.0859	0.6411	0.1695	0.8105	2.8953	253.9073	15.9400	39.1500	51.4600	1.2860		

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

Mínimo	94.7393	0.4875	0.1604	0.6480	2.5253	221.3837	9.4100	39.0200	51.3200	0.5698		
Promedio	95.8457	0.6597	0.1744	0.8341	3.1386	247.4765	16.8226	39.1826	51.4694	1.3829		
Máximo	96.3893	0.8232	0.1950	1.0064	4.2719	259.3377	23.7400	39.5400	51.7100	2.5331		
Desv. Est.	0.43039	0.08100	0.00902	0.08664	0.41859	8.28471	4.13694	0.13752	0.11072	0.49137		

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	
PUNTO DE MEDICIÓN:	Parque Norte	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 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.
01/10/2013	96.0157	0.5387	0.1690	0.7054	3.7014	249.6640	50.4700	39.4300	51.7600	1.2722		
02/10/2013	96.1768	0.6584	0.1757	0.8233	4.2503	251.2361	52.4800	39.5400	51.7800	1.3263		
03/10/2013	95.1401	0.6729	0.1689	0.8315	4.5446	251.8312	41.9300	39.6100	51.7600	1.6417		
04/10/2013	95.6111	0.6887	0.1707	0.8506	4.3857	256.2445	46.7500	39.6000	51.7800	1.2542		
05/10/2013	95.9005	0.6983	0.1782	0.8671	3.6923	258.7299	47.8600	39.5100	51.6400	1.1371		
06/10/2013	96.1805	0.6036	0.2342	0.7829	3.7597	247.8953	52.0800	39.3700	51.6500	1.0380		
07/10/2013	96.3643	0.6207	0.2424	0.7909	3.6379	254.6797	31.7800	39.3800	51.6900	0.9298		
08/10/2013	96.4828	0.6775	0.2382	0.8751	3.3727	259.9915	33.0800	39.2600	51.6100	0.7767		
09/10/2013	96.0662	0.6860	0.1973	0.8694	3.7339	255.0518	27.5600	39.7400	51.7800	1.3173		
10/10/2013	96.5710	0.7050	0.1890	0.8939	3.7526	247.7209	26.4500	39.3500	51.5900	1.0920		
11/10/2013	96.2683	0.6632	0.1724	0.8349	3.2819	247.4771	28.8600	39.2000	51.5000	1.3083		
12/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	51.1700	39.0400	51.3900	2.7499		
13/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	49.1600	39.0400	51.3900	3.1554		
14/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	36.5000	39.0400	51.3900	2.8220		
15/10/2013	96.5533	0.9222	0.2167	1.1249	4.3335	263.7531	41.9300	39.6300	51.6900	2.8310		
16/10/2013	95.7770	0.7386	0.1830	0.9084	4.0184	259.0677	30.7700	39.4800	51.6700	1.5065		
17/10/2013	96.6095	1.2774	0.2185	1.4840	4.8996	265.3508	18.6100	39.7200	51.6500	3.1824		
18/10/2013	98.0047	1.1604	0.2300	1.3805	5.0736	257.0319	53.3900	39.4300	51.6300	3.0293		
19/10/2013	97.6065	1.1639	0.2206	1.3769	5.0740	257.2636	26.9500	39.4200	51.6200	3.2005		
20/10/2013	97.4041	1.1314	0.2258	1.3536	5.0615	254.5074	32.8800	39.4100	51.4400	4.2096		
21/10/2013	98.1192	1.1278	0.2273	1.3544	5.0458	249.4194	54.4900	39.4100	51.4700	4.2637		
22/10/2013	97.9761	0.7798	0.2086	0.9802	3.5179	260.2693	36.0000	39.2400	51.5300	2.0201		
23/10/2013	96.6993	0.7522	0.2120	0.9446	3.5616	260.8760	29.2700	39.2900	51.4900	1.6417		
24/10/2013	97.4112	0.7955	0.2120	0.9880	3.6026	257.8163	22.8300	39.5600	51.5900	2.3264		
25/10/2013	97.0512	0.7317	0.1816	0.9070	3.1247	259.1555	31.2800	39.2900	51.5000	1.9931		
26/10/2013	96.6511	0.6704	0.1849	0.8522	2.9862	257.0452	34.4900	39.1400	51.4800	1.7588		
27/10/2013	96.5267	0.7572	0.1805	0.9255	3.0054	254.2767	26.9500	39.1700	51.4700	1.7498		
28/10/2013	96.6625	0.7771	0.1865	0.9619	3.3702	256.3184	21.4300	39.2200	51.4600	2.1552		
29/10/2013	97.3401	1.0240	0.2518	1.1967	3.9768	267.9785	331.1700	40.0000	51.8400	2.2183		
30/10/2013	97.0351	0.7708	0.1887	0.9442	3.0871	258.2722	35.9000	39.2800	51.5900	1.5425		
31/10/2013	96.7093	0.6976	0.1779	0.8694	3.3772	256.0802	26.8500	39.3700	51.6100	1.4975		

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Mínimo	95.1401	0.5387	0.1672	0.7054	2.7792	243.9220	18.6100	39.0400	51.3900	0.7767		
Promedio	96.6361	0.7890	0.1982	0.9725	3.7925	255.0571	46.1716	39.3926	51.5948	2.0306		
Máximo	98.1192	1.2774	0.2518	1.4840	5.0740	267.9785	331.1700	40.0000	51.8400	4.2637		
Desv. Est.	0.71172	0.19379	0.02629	0.20933	0.71855	6.15488	53.94884	0.21982	0.12876	0.93135		

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:	Parque Norte	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/10/2013	95.4924	0.4490	0.1488	0.6095	3.1716	240.0502	13.7900	39.2200	51.6000	0.7947		
02/10/2013	94.7837	0.4734	0.1544	0.6327	2.9305	244.8232	14.0900	39.2000	51.5800	0.8397		
03/10/2013	94.5174	0.5902	0.1519	0.7532	3.8369	242.7041	14.1900	39.4600	51.6500	0.7676		
04/10/2013	94.7022	0.5260	0.1516	0.6830	3.2853	241.8701	11.7800	39.2900	51.5500	0.5784		
05/10/2013	95.2158	0.5421	0.1568	0.7096	3.2197	244.9068	14.9900	39.2100	51.5300	0.6055		
06/10/2013	95.3462	0.5276	0.1601	0.6999	2.9770	243.2495	4.5400	39.1400	51.5100	0.5334		
07/10/2013	95.5178	0.5125	0.1589	0.6725	2.6333	242.6366	11.3800	39.0800	51.4500	0.4162		
08/10/2013	95.6169	0.4932	0.1738	0.6763	2.6476	245.6516	15.0900	39.0600	51.4300	0.4072		
09/10/2013	94.7888	0.5460	0.1574	0.7063	2.9629	242.6824	12.7800	39.1100	51.4200	0.5604		
10/10/2013	95.2853	0.5454	0.1541	0.7166	2.5810	239.1094	14.0900	38.9700	51.3100	0.6685		
11/10/2013	95.7821	0.6212	0.1593	0.7885	2.7792	242.8424	15.0900	39.0400	51.3800	0.7676		
12/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	3.3400	39.0400	51.3900	0.9298		
13/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	0.6200	39.0400	51.3900	1.0199		
14/10/2013	96.2683	0.6557	0.1672	0.8230	2.7792	243.9220	0.6200	39.0400	51.3900	0.8397		
15/10/2013	94.4145	0.6264	0.1596	0.7897	2.4189	200.6561	12.6800	38.9000	51.2600	1.0740		
16/10/2013	94.9523	0.5557	0.1575	0.7173	3.3046	250.8267	6.6500	39.2100	51.4300	1.0560		
17/10/2013	93.3940	0.4834	0.1527	0.6494	2.4896	247.4753	3.0300	39.0400	51.1700	0.9298		
18/10/2013	93.5411	0.3508	0.1431	0.5096	1.3966	181.7285	0.5200	38.7300	50.9800	0.6865		
19/10/2013	93.5772	0.4900	0.1515	0.6525	1.6078	181.6895	0.6200	38.7700	51.2100	1.2001		
20/10/2013	93.5879	0.5113	0.1447	0.6759	1.6767	181.6127	0.5200	38.7800	51.2300	1.1371		
21/10/2013	93.6167	0.3701	0.1534	0.5290	1.2232	181.5812	0.5200	38.6700	51.2300	1.0380		
22/10/2013	95.3590	0.3438	0.1529	0.5033	1.4664	198.0567	6.7500	38.7200	51.3300	0.9388		
23/10/2013	95.3435	0.5700	0.1722	0.7520	2.3829	252.1185	5.9500	38.9700	51.3000	1.1731		
24/10/2013	94.9540	0.5028	0.1406	0.6742	1.6800	251.7353	3.8400	38.7100	51.2200	1.1911		
25/10/2013	95.7472	0.5866	0.1567	0.7456	2.0243	249.7660	5.7500	38.8700	51.3000	1.2001		
26/10/2013	96.0219	0.5579	0.1665	0.7295	2.4600	250.6732	4.2400	38.9900	51.3700	0.6595		
27/10/2013	95.9740	0.6005	0.1648	0.7754	2.4608	247.9962	4.3400	38.9300	51.2600	1.2902		
28/10/2013	95.5239	0.6528	0.1591	0.8280	2.3203	246.7519	4.1400	38.9400	51.3100	1.3173		
29/10/2013	94.3976	0.6612	0.1427	0.8230	1.7034	253.7224	-33.8500	38.7400	51.1500	1.1326		
30/10/2013	95.8948	0.5532	0.1604	0.7350	1.9232	253.1649	11.6800	38.8400	51.2600	0.9478		
31/10/2013	95.5519	0.5893	0.1590	0.7571	2.3080	251.3660	6.9500	38.9500	51.3500	1.0380		

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Mínimo	93.3940	0.3438	0.1406	0.5033	1.2232	181.5812	-33.8500	38.6700	50.9800	0.4072		
Promedio	95.0873	0.5419	0.1570	0.7085	2.4584	234.9424	6.1523	38.9890	51.3529	0.8948		
Máximo	96.2683	0.6612	0.1738	0.8280	3.8369	253.7224	15.0900	39.4600	51.6500	1.3173		
Desv. Est.	0.86180	0.08585	0.00828	0.08841	0.64032	24.19975	9.10700	0.19121	0.14656	0.25918		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ