

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

PERMISIONARIO:	GDF Suez	GDF SUEZ
PUNTO DE MEDICIÓN:	Coyotepec	
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	90.3375	0.1737	3.4837	3.6574	5.4500			38.3389	49.3201			
02/11/2013	90.6815	0.1941	3.3786	3.5727	5.1820			38.2917	49.3241			
03/11/2013	90.7162	0.2191	3.3092	3.5283	5.1510			38.3219	49.3553			
04/11/2013	90.3553	0.1841	3.7580	3.9421	5.1960			38.1059	49.0574			
05/11/2013	89.8737	0.1594	4.1015	4.2609	5.3290			38.0438	48.8893			
06/11/2013	86.6962	0.0700	5.5464	5.6164	6.2870			37.6860	48.0887			
07/11/2013	87.8788	0.1232	4.9096	5.0328	6.5700			38.0813	48.5935			
08/11/2013	88.0335	0.1295	4.5650	4.6945	6.6910			38.2830	48.8543			
09/11/2013	87.6543	0.1269	4.7102	4.8370	6.9050			38.2970	48.8034			
10/11/2013	87.7616	0.0827	4.7721	4.8548	6.8800			38.2210	48.7606			
11/11/2013	88.1447	0.1093	4.4440	4.5534	6.7520			38.3284	48.9457			
12/11/2013	87.7567	0.0939	4.8063	4.9002	6.7680			38.2182	48.7369			
13/11/2013	88.8014	0.1210	4.3818	4.5027	6.2410			38.1496	48.8585			
14/11/2013	89.3183	0.1340	3.9428	4.0768	6.1420			38.2899	49.1202			
15/11/2013	88.4066	0.0739	4.1647	4.2386	6.8510			38.4482	49.1583			
16/11/2013	88.9353	0.1421	4.1203	4.2625	6.2800			38.2883	49.0380			
17/11/2013	89.4248	0.1643	3.8029	3.9672	6.2190			38.3085	49.1718			
18/11/2013	88.8727	0.1005	4.3022	4.4027	6.3560			38.1684	48.9170			
19/11/2013	88.0867	0.0698	4.8679	4.9377	6.5830			38.0446	48.6232			
20/11/2013	88.2535	0.0854	4.7836	4.8690	6.3920			38.0700	48.6634			
21/11/2013	88.9808	0.1223	4.2804	4.4028	6.1230			38.1816	48.9195			
22/11/2013	88.7769	0.0708	4.2025	4.2733	6.5570			38.2913	49.0513			
23/11/2013	88.6069	0.0723	4.1550	4.2273	6.7830			38.3666	49.1155			
24/11/2013	89.2005	0.1551	3.8478	4.0029	6.3320			38.3732	49.1966			
25/11/2013	89.4311	0.1468	4.0523	4.1990	5.9320			38.1693	48.9936			
26/11/2013	90.0585	0.2133	3.5465	3.7598	5.7920			38.2690	49.2268			
27/11/2013	90.6541	0.2363	3.2377	3.4740	5.4940			38.2832	49.3536			
28/11/2013	91.4247	0.2870	2.6323	2.9193	5.2280			38.4491	49.6819			
29/11/2013	91.6562	0.2500	2.4365	2.6865	5.0400			38.6039	49.8830			
30/11/2013	90.7216	0.2000	3.3307	3.5307	5.1780			38.2923	49.3424			

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

Mínimo	86.6962	0.0698	2.4365	2.6865	5.0400			37.6860	48.0887			
Promedio	89.1833	0.1437	4.0624	4.2061	6.0895			38.2421	49.0348			
Máximo	91.6562	0.2870	5.5464	5.6164	6.9050			38.6039	49.8830			
Dev. Est.	1.23935	0.05895	0.69419	0.64293	0.62360			0.16411	0.34492			

Observaciones:

DATOS TOMADOS DE LOS REPORTES DE PGPB

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

PERMISIONARIO:	GDF Suez	GDF SUEZ
PUNTO DE MEDICIÓN:	Venta de Carpio	
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.
01/11/2013	93.3401	0.1160	2.8569	2.9729	3.2608	268.2495	71.5075	37.8340	49.2991	1.0114		
02/11/2013	95.0485	0.0867	2.1617	2.2485	2.3302	271.4273	63.3347	37.8104	49.6108	0.5671		
03/11/2013	95.3805	0.0881	2.0707	2.1588	2.1087	270.7752	60.5777	37.7680	49.6269	1.3528		
04/11/2013	93.7330	0.1164	2.6904	2.8068	3.0482	267.5199	59.1642	37.8197	49.3610	1.0332		
05/11/2013	92.9836	0.1120	3.0154	3.1274	3.4326	267.1224	58.2908	37.8372	49.2309	1.1015		
06/11/2013	91.9193	0.0775	3.6729	3.7504	3.8515	267.4713	57.8572	37.7344	48.9085	1.3771		
07/11/2013	91.8824	0.0890	3.4706	3.5596	4.1189	267.0878	65.2718	37.8476	49.0555	1.2878		
08/11/2013	93.1373	0.0887	2.8712	2.9599	3.4766	268.1278	63.0094	37.8866	49.3400	1.0310		
09/11/2013	93.8367	0.0851	2.4926	2.5778	3.1760	268.5947	59.1486	37.9379	49.5389	0.8602		
10/11/2013	93.6720	0.0840	2.4563	2.5403	3.3276	268.2825	53.3209	38.0231	49.6059	0.5120		
11/11/2013	94.0109	0.0931	2.3541	2.4472	3.1447	267.4472	59.2235	37.9694	49.6143	0.5471		
12/11/2013	92.3114	0.0899	3.1645	3.2543	3.9978	266.7419	62.0292	37.9269	49.2338	0.6442		
13/11/2013	91.6813	0.1012	3.5053	3.6065	4.2923	265.4030	62.7101	37.8645	49.0429	1.0438		
14/11/2013	92.6320	0.1071	2.9362	3.0433	3.8946	266.5854	63.0194	37.9730	49.3499	1.0543		
15/11/2013	93.0055	0.0893	2.8034	2.8927	3.7039	266.7849	60.9622	37.9571	49.4124	0.9021		
16/11/2013	94.8912	0.0927	2.0254	2.1182	2.6541	268.9457	56.5530	37.9241	49.7351	0.6336		
17/11/2013	95.2114	0.0998	1.8090	1.9087	2.5385	268.4678	53.3341	37.9722	49.8556	0.3891		
18/11/2013	95.7778	0.0991	1.6212	1.7203	2.1772	269.3124	58.8475	37.9348	49.9196	0.7224		
19/11/2013	92.3004	0.0832	3.3083	3.3914	3.9408	266.3174	64.7296	37.8152	49.1102	1.5917		
20/11/2013	92.3301	0.0864	3.3183	3.4047	3.8701	265.9303	69.6582	37.8064	49.1002	1.6364		
21/11/2013	91.8691	0.1071	3.4115	3.5186	4.1936	266.1845	69.2288	37.7993	49.0938	1.5026		
22/11/2013	91.7981	0.0887	3.5007	3.5895	4.2400	265.0183	66.7390	37.8101	49.0171	1.7156		
23/11/2013	92.9059	0.0788	3.0714	3.1502	3.5772	266.3575	61.7856	37.8064	49.2108	1.4463		
24/11/2013	93.7002	0.0982	2.7268	2.8250	3.1023	267.3017	59.8863	37.8014	49.3463	0.3735		
25/11/2013	92.8930	0.1006	3.1267	3.2273	3.5111	267.0203	59.9502	37.7598	49.1448	0.9798		
26/11/2013	93.0926	0.1162	3.0037	3.1199	3.4368	268.8713	60.7743	37.7404	49.1567	0.7586		
27/11/2013	92.9603	0.1457	2.9810	3.1267	3.5702	267.5804	60.4522	37.7957	49.2000	0.6067		
28/11/2013	93.6558	0.1641	2.5365	2.7006	3.3048	267.2729	57.8950	37.8797	49.4329	0.3494		
29/11/2013	93.5511	0.1431	2.7013	2.8444	3.1967	267.7092	57.8521	37.8394	49.3502	0.5387		
30/11/2013	93.3025	0.1154	3.0489	3.1643	3.1567	268.1133	35.0680	37.6919	49.1307	-----		

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

Mínimo	91.6813	0.0775	1.6212	1.7203	2.1087	265.0183	35.0680	37.6919	48.9085	0.3494		
Promedio	93.2938	0.1014	2.8238	2.9252	3.3878	267.6008	60.4060	37.8522	49.3345	0.9507		
Máximo	95.7778	0.1641	3.6729	3.7504	4.2923	271.4273	71.5075	38.0231	49.9196	1.7156		
Desv. Est.	1.11534	0.02049	0.52607	0.52501	0.59319	1.40498	6.40573	0.08244	0.25730	0.40656		

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:	Venta de Carpio	
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	96.0052	0.1792	3.6977	3.8063	3.9987	271.3603	77.2398	39.2940	50.7131	1.5399		
02/11/2013	95.3393	0.0924	2.4041	2.4882	2.5330	273.5348	321.5218	39.2956	50.7142	0.9591		
03/11/2013	95.7491	0.0929	2.3758	2.4590	2.4221	272.7446	82.8251	39.2949	50.7136	3.2909		
04/11/2013	95.3707	0.1307	3.5452	3.6247	3.5816	270.9428	62.3218	39.2923	50.7097	1.8126		
05/11/2013	93.9039	0.1358	3.3355	3.4512	3.7664	269.6343	61.5367	39.2927	50.7110	1.6367		
06/11/2013	93.2724	0.0965	4.2691	4.3323	4.5588	269.1797	82.4340	39.2978	50.7155	2.6750		
07/11/2013	93.1429	0.1050	4.0638	4.1351	4.8838	269.1982	80.7716	39.2941	50.7135	2.4286		
08/11/2013	94.3218	0.1037	3.4465	3.5232	4.2237	270.2140	71.3511	39.2934	50.7133	1.7335		
09/11/2013	94.3823	0.0971	3.2594	3.3565	3.9126	270.5952	82.4340	39.2947	50.7136	1.5575		
10/11/2013	94.6152	0.1036	3.5541	3.6545	4.6053	270.7265	321.5218	39.2966	50.7164	1.2935		
11/11/2013	95.7778	0.1074	3.3858	3.4932	4.3636	269.8701	63.3033	39.2977	50.7176	1.7599		
12/11/2013	94.2316	0.1069	3.8128	3.8905	4.6489	269.0446	81.6517	39.2955	50.7115	1.6191		
13/11/2013	94.0239	0.1154	4.2285	4.3293	5.1576	267.6702	66.9346	39.2949	50.7141	2.1030		
14/11/2013	93.6718	0.1235	3.7873	3.8850	4.7071	268.1219	65.7569	39.2996	50.7183	1.8742		
15/11/2013	94.7410	0.1197	3.4777	3.5873	4.4526	269.6383	63.8922	39.2971	50.7169	1.6895		
16/11/2013	97.2254	0.1383	3.4221	3.5604	4.5905	270.8351	61.0460	39.2970	50.7147	1.3991		
17/11/2013	96.0322	0.1362	3.2541	3.3903	4.4107	270.4858	321.5218	39.2939	50.7129	1.0559		
18/11/2013	96.6125	0.1071	2.4914	2.5816	3.2169	271.3329	321.5218	39.2944	50.7134	1.1615		
19/11/2013	94.1529	0.0959	4.1813	4.2619	4.8287	268.8302	72.9215	39.2942	50.7137	2.6750		
20/11/2013	94.1225	0.1012	4.3666	4.4380	4.7852	267.8458	91.7237	39.2935	50.7112	2.9566		
21/11/2013	93.4356	0.1401	4.1893	4.2862	4.9342	271.7045	321.5218	39.3041	50.7190	28.8264		
22/11/2013	93.3013	0.1160	4.2485	4.3495	4.8203	267.1164	321.5218	39.2957	50.7143	2.8686		
23/11/2013	93.6567	0.1078	3.9114	3.9738	4.9546	268.1812	68.5050	39.2931	50.7106	2.6310		
24/11/2013	94.8233	0.1137	3.2168	3.3186	4.1134	269.5479	75.4732	39.2939	50.7116	0.9679		
25/11/2013	94.3697	0.1723	4.4287	4.5675	5.5847	268.8348	321.5218	39.2971	50.7170	2.2350		
26/11/2013	94.0607	0.1423	3.6247	3.7598	4.3665	271.3510	321.5218	39.2939	50.7113	1.3287		
27/11/2013	93.5941	0.1695	3.9441	4.0386	4.6412	270.3049	78.2213	39.2977	50.7176	1.1967		
28/11/2013	94.6356	0.2254	3.3130	3.4630	3.8175	269.0452	321.5218	39.2962	50.7145	0.6687		
29/11/2013	95.4180	0.1954	3.4574	3.5833	3.5140	269.9406	76.7491	39.2941	50.7130	0.8535		
30/11/2013	94.6265	0.1562	3.7084	3.8296	3.7534	269.7668	321.5218	39.2944	50.7133	1.4695		

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

Mínimo	93.1429	0.0924	2.3758	2.4590	2.4221	267.1164	61.0460	39.2923	50.7097	0.6687		
Promedio	94.6205	0.1276	3.6134	3.7139	4.2716	269.9200	156.0770	39.2955	50.7140	2.6756		
Máximo	97.2254	0.2254	4.4287	4.5675	5.5847	273.5348	321.5218	39.3041	50.7190	28.8264		
Desv. Est.	1.03533	0.03319	0.54407	0.54183	0.72075	1.46999	119.20431	0.00240	0.00240	4.98580		

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:	Venta de Carpio	
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.
01/11/2013	91.7996	0.0851	1.4496	1.6288	2.0293	266.1837	67.0328	37.7186	48.8629	0.5720		
02/11/2013	94.6423	0.0825	2.0456	2.1330	2.0983	255.3722	60.2118	37.6962	49.4354	0.5808		
03/11/2013	94.7719	0.0832	1.8548	1.9474	1.8374	269.3622	53.3907	37.6910	49.4689	0.5896		
04/11/2013	92.6078	0.0795	2.0542	2.1431	2.1239	265.6790	55.9424	37.5706	48.8581	0.5808		
05/11/2013	92.5413	0.0890	2.5861	2.7117	2.9277	265.7732	54.8629	37.6743	48.9971	0.7831		
06/11/2013	90.7813	0.0631	2.9097	2.9921	3.2226	265.4604	53.3907	37.4143	48.5016	0.7479		
07/11/2013	90.8514	0.0713	2.8072	2.8941	3.4380	265.2352	53.4888	37.6099	48.6618	0.8271		
08/11/2013	91.9440	0.0767	2.3554	2.4365	2.5698	266.6294	52.7037	37.7043	49.0747	0.6071		
09/11/2013	92.2831	0.0822	2.2098	2.2940	2.7539	267.3957	54.9610	37.7575	49.1463	0.0264		
10/11/2013	91.2695	0.0752	2.1728	2.2584	2.7539	266.3969	49.8575	37.8345	49.0689	-----		
11/11/2013	91.6949	0.0781	1.6577	1.7494	2.1039	265.0844	44.7540	37.8618	49.1260	-----		
12/11/2013	91.3845	0.0694	2.2519	2.3450	3.0213	265.4141	54.7647	37.7160	48.8467	0.3872		
13/11/2013	90.1293	0.0809	2.5448	2.6315	2.9236	264.1271	57.2183	37.7143	48.6634	0.4136		
14/11/2013	90.9801	0.0912	2.4592	2.5548	3.1878	264.6636	58.7886	37.8539	48.9261	0.3784		
15/11/2013	91.8058	0.0693	2.1078	2.1970	2.6978	265.0769	56.0406	37.8032	49.0110	0.0704		
16/11/2013	91.4860	0.0864	0.9124	1.0197	1.4489	265.7779	54.6666	37.8742	49.0811	-----		
17/11/2013	91.8287	0.0904	1.4397	1.5430	2.0508	255.3722	-----	37.9181	49.1672	-----		
18/11/2013	93.8620	0.0872	1.2490	1.3480	1.6990	267.2381	-----	37.8682	49.5103	-----		
19/11/2013	90.5641	0.0724	2.3068	2.3963	3.0646	264.5464	60.7515	37.5586	48.6180	0.5896		
20/11/2013	90.4159	0.0706	2.5068	2.5971	2.8882	264.5578	61.9293	37.6243	48.5544	0.9239		
21/11/2013	90.3415	0.0839	2.7960	2.8814	3.2212	259.6689	-----	37.6504	48.5878	-----		
22/11/2013	90.4333	0.0603	2.8893	2.9643	3.3173	262.7659	-----	37.6765	48.6212	-----		
23/11/2013	90.7085	0.0624	2.7351	2.8428	3.1059	264.7440	59.3775	37.7182	48.8888	0.2904		
24/11/2013	92.2010	0.0838	2.2063	2.3081	2.4127	265.9144	53.7833	37.6229	49.1736	0.0528		
25/11/2013	89.5036	0.0810	2.4186	2.5112	2.7758	263.1696	-----	37.5600	48.5801	-----		
26/11/2013	91.5628	0.0971	2.3930	2.5080	2.9729	266.2468	-----	37.5906	48.6625	-----		
27/11/2013	91.1423	0.0945	2.6588	2.8115	3.2006	266.3987	54.3721	37.6212	48.7448	0.2200		
28/11/2013	92.3820	0.1451	1.4669	1.6906	2.7853	255.3722	52.8509	37.7224	49.0033	0.2904		
29/11/2013	92.6131	0.0890	1.7053	1.8553	2.3476	265.7414	51.3296	37.5218	48.8367	0.3608		
30/11/2013	92.1109	0.0811	2.3329	2.4269	2.5213	266.8215	-----	37.4406	48.7633	-----		

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

Mínimo	89.5036	0.0603	0.9124	1.0197	1.4489	255.3722	44.7540	37.4143	48.5016	0.0264		
Promedio	91.6881	0.0821	2.1828	2.2874	2.6500	264.4063	55.4987	37.6863	48.9147	0.4646		
Máximo	94.7719	0.1451	2.9097	2.9921	3.4380	269.3622	67.0328	37.9181	49.5103	0.9239		
Desv. Est.	1.22977	0.01514	0.51576	0.50377	0.52533	3.48261	4.53295	0.12634	0.27646	0.25940		

Observaciones:

DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ
MAL FUNCIONAMIENTO DE EQUIPOS DE HUMEDAD Y SULFHÍDRICO OCASIONAL