

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

PERMISIONARIO: TRACTEBEL DIGAQRO, S.A. de C.V.
 PUNTO DE MEDICIÓN: La Lira
 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.
01/08/2019	94.8615	0.7219	0.3118	1.0337	3.9286	249.2050	25.3400	38.6000	50.5000	0.0624		
02/08/2019	94.8488	0.7310	0.2857	1.0167	3.9514	250.0585	26.0800	38.6100	50.5100	0.0516		
03/08/2019	95.0223	0.7770	0.2738	1.0508	3.7334	251.4575	27.1900	38.5400	50.4400	0.1369		
04/08/2019	94.8020	0.7511	0.2937	1.0448	3.9498	251.2306	27.5700	38.6100	50.4800	0.0008		
05/08/2019	95.0976	0.8083	0.2795	1.0878	3.6337	249.7765	26.7400	38.4900	50.3900	0.0002		
06/08/2019	94.7838	0.8155	0.2827	1.0982	3.9351	250.2125	25.7600	38.5800	50.4400	0.3304		
07/08/2019	94.8027	0.7661	0.2815	1.0476	3.9524	250.9180	25.7000	38.6100	50.5000	0.3092		
08/08/2019	94.9706	0.8021	0.2998	1.1019	3.7116	250.3881	27.6500	38.5300	50.4200	0.3102		
09/08/2019	94.9352	0.8503	0.2930	1.1433	3.6974	250.9836	29.7000	38.5200	50.3800	0.2977		
10/08/2019	94.7374	0.8438	0.3009	1.1446	3.9178	250.2249	29.1200	38.5700	50.4000	0.3117		
11/08/2019	94.9629	0.7475	0.3870	1.1344	3.7324	249.9270	34.3600	38.5000	50.4000	0.3261		
12/08/2019	95.0848	0.7260	0.4039	1.1299	3.6267	249.1369	35.8000	38.4700	50.3700	0.2994		
13/08/2019	95.1094	0.7096	0.4124	1.1219	3.5948	250.1475	36.1000	38.4600	50.3900	0.2892		
14/08/2019	95.0905	0.7592	0.4392	1.1984	3.5320	251.0645	36.0300	38.4200	50.3200	0.2541		
15/08/2019	95.0477	0.6994	0.4346	1.1340	3.6484	250.1305	35.6900	38.4700	50.3900	0.2441		
16/08/2019	94.8893	0.6415	0.5202	1.1616	3.7823	247.2809	32.1300	38.5000	50.4100	0.1860		
17/08/2019	94.7666	0.7015	0.4816	1.1832	3.8536	247.8974	32.1300	38.5100	50.3800	0.1860		
18/08/2019	94.7901	0.7015	0.4801	1.1816	3.8547	247.9523	32.1300	38.5200	50.3900	0.1860		
19/08/2019	95.0420	0.7040	0.4530	1.1571	3.6335	248.3253	22.8400	38.4700	50.3700	0.1860		
20/08/2019	95.0981	0.6828	0.4446	1.1274	3.6053	248.3561	28.3900	38.4700	50.3900	0.1459		
21/08/2019	95.0632	0.6729	0.4429	1.1159	3.6421	248.5386	28.7500	38.4900	50.4000	0.1399		
22/08/2019	94.8714	0.7042	0.4600	1.1642	3.7347	253.0527	20.5700	38.5300	50.4000	0.1399		
23/08/2019	94.9468	0.6757	0.4585	1.1342	3.7080	251.9384	24.8900	38.5200	50.4200	0.1266		
24/08/2019	95.0211	0.6874	0.4698	1.1571	3.6165	254.1219	22.6900	38.5000	50.3900	0.1099		
25/08/2019	95.3290	0.6940	0.4386	1.1326	3.3662	251.5286	22.4400	38.4000	50.3400	0.1134		
26/08/2019	95.3077	0.7074	0.4553	1.1627	3.3500	253.1876	23.5900	38.3900	50.3200	0.1431		
27/08/2019	95.3916	0.6727	0.4760	1.1486	3.2552	256.0701	23.9100	38.3800	50.3400	0.1773		
28/08/2019	95.3307	0.6630	0.4653	1.1283	3.3415	254.9510	23.0800	38.4100	50.3700	0.1809		
29/08/2019	95.0317	0.6750	0.4950	1.1701	3.5938	254.9663	23.2200	38.4800	50.3800	0.1665		
30/08/2019	95.1355	0.6764	0.4627	1.1391	3.5270	253.9414	22.8300	38.4600	50.3800	0.1527		
31/08/2019	95.1191	0.6639	0.4688	1.1327	3.5503	253.1987	23.0800	38.4700	50.3900	0.1360		

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

Mínimo	94.7374	0.6415	0.2738	1.0167	3.2552	247.2809	20.5700	38.3800	50.3200	0.0002		
Promedio	95.0094	0.7236	0.4017	1.1253	3.6761	250.9732	27.5968	38.4994	50.4000	0.1839		
Máximo	95.3916	0.8503	0.5202	1.1984	3.9524	256.0701	36.1000	38.6100	50.5100	0.3304		
Desv. Est.	0.17554	0.05545	0.08226	0.04582	0.19007	2.28725	4.65441	0.06366	0.04747	0.09340		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Máximos diarios)

PERMISIONARIO: TRACTEBEL DIGAQRO, S.A. de C.V.
 PUNTO DE MEDICIÓN: La Lira
 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.
01/08/2019	95.1200	0.8538	0.3399	1.1522	4.2150	253.3881	26.9500	38.7000	50.6000	0.1459		
02/08/2019	95.1101	0.8252	0.3371	1.0984	4.1457	252.2484	28.1600	38.7000	50.5900	0.2901		
03/08/2019	95.2351	0.8192	0.2944	1.0987	4.0765	253.1752	29.0600	38.6600	50.5300	29.6912		
04/08/2019	94.9899	0.8012	0.3150	1.0940	4.0765	253.7388	28.7600	38.6600	50.5600	0.0108		
05/08/2019	95.5149	0.9102	0.3078	1.1610	4.4181	250.9223	28.8600	38.7600	50.5900	0.0108		
06/08/2019	95.3619	0.8883	0.3366	1.1508	4.3277	251.7547	26.8500	38.7100	50.5300	0.5604		
07/08/2019	95.1933	0.8636	0.3245	1.1520	4.2680	253.4560	28.0600	38.7400	50.6000	0.4252		
08/08/2019	95.2047	0.8967	0.3226	1.1938	3.8687	251.6326	32.0800	38.6000	50.4900	0.4433		
09/08/2019	95.1527	0.9193	0.3225	1.2130	4.0219	253.7243	30.8700	38.6800	50.4700	0.3712		
10/08/2019	95.1472	0.9262	0.3337	1.2152	4.1944	253.2029	30.9700	38.6600	50.5100	0.4072		
11/08/2019	95.2097	0.8376	0.4480	1.2263	4.3182	252.4467	42.2300	38.7100	50.5300	0.6055		
12/08/2019	95.3095	0.7705	0.4446	1.1867	3.8107	252.0382	38.3100	38.5300	50.4300	0.4613		
13/08/2019	95.3032	0.7928	0.4662	1.1892	3.8602	251.7662	37.2000	38.5700	50.4900	0.6145		
14/08/2019	95.2321	0.8579	0.5431	1.2668	3.8559	253.8373	37.9100	38.5400	50.4100	0.3261		
15/08/2019	95.2670	0.8124	0.7074	1.2988	3.8913	252.9316	37.6100	38.5800	50.5000	0.3712		
16/08/2019	95.1361	0.6884	0.5815	1.2256	3.9479	250.6468	34.4900	38.5700	50.4800	0.2901		
17/08/2019	94.8442	0.7115	0.5297	1.2159	3.9190	248.2727	30.9700	38.5300	50.4000	0.1820		
18/08/2019	94.7901	0.7015	0.4801	1.1816	3.8547	247.9523	30.9700	38.5200	50.3900	0.1820		
19/08/2019	95.3099	0.7719	0.5182	1.2901	3.8683	251.5888	331.1700	38.5200	50.4200	0.2180		
20/08/2019	95.3444	0.7129	0.4839	1.1686	3.8977	251.0517	31.4800	38.5500	50.4500	0.2090		
21/08/2019	95.1912	0.7645	0.4724	1.2281	3.7967	250.4355	30.9700	38.5500	50.4700	0.2090		
22/08/2019	95.0606	0.7731	0.5050	1.2454	3.8412	256.5377	322.0200	38.5700	50.4600	0.2450		
23/08/2019	95.2057	0.7187	0.5033	1.2005	4.0483	256.5268	26.0500	38.6100	50.4700	0.2270		
24/08/2019	95.2655	0.7418	0.5079	1.2209	3.9047	256.6420	23.3400	38.6000	50.4600	0.1820		
25/08/2019	95.5010	0.7693	0.4770	1.2131	3.5880	253.4243	23.4400	38.4900	50.4300	0.1639		
26/08/2019	95.5211	0.7713	0.5085	1.2079	3.6413	256.1272	24.9400	38.5000	50.4200	0.2811		
27/08/2019	95.6127	0.7408	0.5366	1.2090	3.4770	260.5173	331.1700	38.4600	50.3900	0.3171		
28/08/2019	95.4682	0.6995	0.5100	1.1677	3.4928	261.1924	24.5400	38.4600	50.3900	0.2721		
29/08/2019	95.3890	0.7399	0.5782	1.2496	3.8281	259.8541	25.0400	38.5900	50.4600	0.2631		
30/08/2019	95.5387	0.7336	0.5520	1.1888	3.9820	259.1685	24.2400	38.6300	50.4800	0.2450		
31/08/2019	95.3422	0.7137	0.5182	1.1981	3.7675	257.6026	24.5400	38.5600	50.4700	0.2180		

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Mínimo	94.7901	0.6884	0.2944	1.0940	3.4770	247.9523	23.3400	38.4600	50.3900	0.0108		
Promedio	95.2539	0.7912	0.4550	1.1970	3.9421	253.8001	58.8145	38.5971	50.4797	1.2400		
Máximo	95.6127	0.9262	0.7074	1.2988	4.4181	261.1924	331.1700	38.7600	50.6000	29.6912		
Desv. Est.	0.19066	0.07119	0.10383	0.04943	0.23260	3.35241	89.74818	0.08259	0.06290	5.28234		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Mínimos diarios)

PERMISIONARIO: TRACTEBEL DIGAQRO, S.A. de C.V.
 PUNTO DE MEDICIÓN: La Lira
 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.
01/08/2019	94.6381	0.6537	0.2876	0.9577	3.6777	245.2118	23.8400	38.5100	50.3600	0.0108		
02/08/2019	94.6537	0.6866	0.2563	0.9728	3.6352	247.8491	23.8400	38.4900	50.3900	0.0108		
03/08/2019	94.6664	0.7385	0.2555	1.0061	3.5156	249.2395	25.1400	38.4800	50.3800	0.0108		
04/08/2019	94.6664	0.6927	0.2655	0.9880	3.7455	247.8483	25.9500	38.5400	50.4200	0.0108		
05/08/2019	94.3559	0.7091	0.2386	0.9882	3.1764	246.9237	25.1400	38.3200	50.2300	0.0108		
06/08/2019	94.3976	0.7645	0.2413	1.0378	3.3810	247.7849	24.5400	38.3800	50.2800	0.0108		
07/08/2019	94.5250	0.6982	0.2541	0.9838	3.5554	248.2497	23.6400	38.4700	50.3600	0.2000		
08/08/2019	94.7125	0.7377	0.2722	1.0198	3.5612	248.8683	26.3500	38.4800	50.3300	0.2000		
09/08/2019	94.5460	0.7937	0.2663	1.0799	3.5167	247.9259	28.2600	38.4500	50.3100	0.2180		
10/08/2019	94.4741	0.7562	0.2752	1.0474	3.5842	247.8304	27.9600	38.4700	50.3100	0.2180		
11/08/2019	94.3794	0.6903	0.2855	1.0421	3.4918	247.5156	26.9500	38.4000	50.2800	0.2270		
12/08/2019	94.8934	0.6923	0.3696	1.0872	3.4139	246.2500	34.1900	38.4100	50.3200	0.2000		
13/08/2019	94.9417	0.6564	0.3411	1.0312	3.3727	246.9181	34.6900	38.3800	50.3000	0.1730		
14/08/2019	94.7889	0.7005	0.2685	1.1009	3.3928	247.9001	34.2900	38.3800	50.2400	0.2000		
15/08/2019	94.7178	0.5421	0.2776	1.0019	3.4114	246.0220	33.6900	38.3900	50.3000	0.1009		
16/08/2019	94.6973	0.5832	0.4374	1.0934	3.5259	244.4456	30.0700	38.4000	50.3100	0.1189		
17/08/2019	94.7219	0.6862	0.4691	1.1740	3.7698	245.6470	30.0700	38.4800	50.3500	0.1189		
18/08/2019	94.7901	0.7015	0.4801	1.1816	3.8547	247.9523	30.0700	38.5200	50.3900	0.1189		
19/08/2019	94.7555	0.6741	0.4160	1.0929	3.4159	246.5690	30.0700	38.3900	50.2500	0.1189		
20/08/2019	94.7976	0.6524	0.4105	1.0947	3.3491	245.9908	25.5500	38.3800	50.3300	0.0919		
21/08/2019	94.8247	0.6277	0.3922	1.0540	3.5267	246.5809	26.3500	38.4500	50.3400	0.0828		
22/08/2019	94.7358	0.6316	0.3867	1.1096	3.5730	248.2854	26.3500	38.4600	50.3300	0.0828		
23/08/2019	94.6193	0.6316	0.4128	1.0719	3.4973	248.2928	23.1300	38.4200	50.3200	0.0558		
24/08/2019	94.6643	0.6397	0.4240	1.0838	3.4306	251.8884	15.2000	38.4200	50.3400	0.0558		
25/08/2019	95.1124	0.6366	0.3979	1.0843	3.1906	250.1248	15.6000	38.3300	50.2600	0.0558		
26/08/2019	95.0311	0.6556	0.4205	1.1060	3.1421	249.7170	16.1000	38.3000	50.2400	0.0558		
27/08/2019	95.1476	0.6245	0.4443	1.0966	3.0559	253.2693	16.1000	38.3000	50.2600	0.0558		
28/08/2019	95.2063	0.6324	0.3963	1.0885	3.2044	252.4724	21.7300	38.3500	50.3000	0.0919		
29/08/2019	94.7674	0.5990	0.4213	1.1082	3.2420	252.3372	21.8300	38.3400	50.2700	0.0919		
30/08/2019	94.6230	0.6181	0.4143	1.0789	3.1376	250.8212	21.4300	38.3100	50.2700	0.0648		
31/08/2019	94.8870	0.6167	0.4057	1.0605	3.3045	250.7260	21.7300	38.4000	50.3300	0.0378		

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Mínimo	94.3559	0.5421	0.2386	0.9577	3.0559	244.4456	15.2000	38.3000	50.2300	0.0108		
Promedio	94.7335	0.6685	0.3511	1.0621	3.4404	248.3051	25.4790	38.4129	50.3129	0.1000		
Máximo	95.2063	0.7937	0.4801	1.1816	3.8547	253.2693	34.6900	38.5400	50.4200	0.2270		
Desv. Est.	0.21003	0.05561	0.07900	0.05432	0.19670	2.22041	5.35733	0.06704	0.04825	0.07168		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.