

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.
01/07/2018	95.5538	0.8309	0.2103	1.0413	3.2323	252.9448	4.9300	38.4000	50.3600	0.0093	<10.8	0.00
02/07/2018	95.5313	0.8376	0.2112	1.0488	3.2455	252.7927	4.9300	38.4000	50.3500	0.0103		
03/07/2018	95.8374	0.8929	0.2008	1.0937	2.9155	252.4779	4.9200	38.2700	50.2400	0.0124		
04/07/2018	96.2815	0.8361	0.1990	1.0351	2.5656	249.1165	4.9400	38.1800	50.2400	0.0124		
05/07/2018	95.9825	0.8611	0.2464	1.1075	2.7499	248.5343	4.9300	38.2100	50.2100	0.0032		
06/07/2018	95.9970	0.8607	0.2077	1.0684	2.7534	247.6246	4.9300	38.2400	50.2500	0.0032		
07/07/2018	96.1159	0.8652	0.2236	1.0889	2.6366	250.5281	33.5400	38.2100	50.2200	0.0033		
08/07/2018	96.0833	0.8591	0.2170	1.0761	2.6534	252.3628	33.4000	38.2300	50.2400	0.0079		
09/07/2018	96.0874	0.8484	0.1996	1.0480	2.6914	251.7334	31.5900	38.2400	50.2600	0.0011		
10/07/2018	96.1722	0.8747	0.1934	1.0681	2.6030	251.0219	29.8300	38.2000	50.2200	0.0135		
11/07/2018	96.0963	0.8341	0.2143	1.0484	2.6927	251.9583	29.4600	38.2400	50.2500	0.0080		
12/07/2018	96.0833	0.8548	0.2408	1.0956	2.6438	251.4305	30.9000	38.2200	50.2300	0.0221		
13/07/2018	96.1111	0.8349	0.2188	1.0536	2.6741	251.5498	31.7300	38.2300	50.2500	0.0226		
14/07/2018	96.3046	0.7839	0.2225	1.0063	2.5339	250.6554	31.3000	38.2000	50.2600	0.0113		
15/07/2018	96.0567	0.7729	0.2285	1.0014	2.7916	251.1773	31.4700	38.2700	50.3200	0.0139		
16/07/2018	95.6633	0.8358	0.2219	1.0578	3.1207	251.3863	31.3100	38.3500	50.3200	0.0292		
17/07/2018	95.5242	0.8278	0.2177	1.0454	3.2704	251.4144	34.3700	38.4100	50.3600	0.0219		
18/07/2018	95.5125	0.8187	0.2225	1.0412	3.2440	251.5558	33.9700	38.4100	50.3600	0.0106		
19/07/2018	96.2292	0.8013	0.2875	1.0888	2.5012	252.0537	34.1600	38.1900	50.2100	0.0863		
20/07/2018	96.1814	0.8754	0.2573	1.1326	2.4868	255.0839	33.9900	38.1700	50.1600	0.0955		
21/07/2018	96.1885	0.8955	0.2606	1.1560	2.4838	254.8842	33.9000	38.1500	50.1400	0.1136		
22/07/2018	96.1747	0.9135	0.2506	1.1641	2.4768	254.3203	38.3400	38.1500	50.1300	0.1203		
23/07/2018	96.2645	0.9544	0.2178	1.1722	2.4077	254.3786	40.4000	38.1100	50.1000	0.1463		
24/07/2018	96.2708	0.9755	0.2304	1.2060	2.3552	252.2898	41.0300	38.0800	50.0500	0.1400		
25/07/2018	96.2477	0.9747	0.2221	1.1968	2.3902	252.7825	40.9400	38.0900	50.0700	0.1626		
26/07/2018	95.8733	0.9368	0.2249	1.1616	2.7735	253.2827	41.2600	38.2400	50.1900	0.1449		
27/07/2018	95.8608	0.8645	0.2302	1.0947	2.8907	252.0418	40.5000	38.2800	50.2500	0.1150		
28/07/2018	96.2198	0.8489	0.2294	1.0783	2.5184	250.9349	37.3200	38.1800	50.2200	0.0914		
29/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	35.2700	38.2600	50.2600	0.1072		
30/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	39.0700	38.2600	50.2600	0.1120		
31/07/2018	96.1970	0.9357	0.2427	1.1785	2.4440	251.9164	40.2800	38.1200	50.1100	0.1066		

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

Mínimo	95.5125	0.7729	0.1934	1.0014	2.3552	247.6246	4.9200	38.0800	50.0500	0.0011		
Promedio	96.0266	0.8646	0.2260	1.0907	2.7095	251.9399	29.3197	38.2319	50.2287	0.0567		
Máximo	96.3046	0.9755	0.2875	1.2060	3.2704	255.0839	41.2600	38.4100	50.3600	0.1626		
Desv. Est.	0.24142	0.05033	0.01995	0.05488	0.26680	1.65862	12.65133	0.08927	0.08201	0.05576		

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.
01/07/2018	95.7669	0.9205	0.2327	1.1243	3.5771	255.2662	4.9400	38.5200	50.4500	0.0648		
02/07/2018	95.7110	0.8908	0.2285	1.1083	3.3904	254.8943	4.9400	38.4400	50.4000	0.0648		
03/07/2018	96.3394	0.9566	0.2189	1.1705	3.3405	254.5559	4.9400	38.4300	50.3800	0.0828		
04/07/2018	96.5072	0.8807	0.2321	1.0727	2.9221	251.3999	4.9400	38.3000	50.3300	0.0468		
05/07/2018	96.1943	0.9772	0.3201	1.2301	3.0610	252.8135	4.9400	38.2900	50.3000	0.0738		
06/07/2018	96.2368	0.8849	0.2406	1.1253	2.9815	252.0780	322.0200	38.3400	50.3000	0.0738		
07/07/2018	96.3230	0.9424	0.2652	1.1499	2.8944	252.2238	35.9000	38.2900	50.2800	0.1639		
08/07/2018	96.2197	0.9107	0.2558	1.1230	2.8451	254.5741	35.3000	38.3400	50.3100	0.0648		
09/07/2018	96.2330	0.9243	0.2342	1.1171	2.8548	253.6731	33.6900	38.2900	50.3000	0.0558		
10/07/2018	96.4514	0.9112	0.2133	1.1138	2.8163	253.5615	31.4800	38.2700	50.2800	0.0828		
11/07/2018	96.2361	0.9857	0.2489	1.2056	2.9213	253.7805	31.4800	38.3300	50.3200	0.0828		
12/07/2018	96.2300	0.9072	0.2717	1.1649	2.8133	253.1848	32.1800	38.2800	50.3100	0.0738		
13/07/2018	96.2169	0.8935	0.2567	1.1039	2.9864	253.1095	33.9900	38.3800	50.3500	0.0828		
14/07/2018	96.5772	0.8193	0.2550	1.0589	2.8187	252.4943	33.6900	38.2900	50.3400	0.0738		
15/07/2018	96.4593	0.8564	0.2455	1.0890	3.5188	252.9948	32.9800	38.4800	50.4100	0.0738		
16/07/2018	95.9515	0.8781	0.2524	1.1179	3.4808	252.4757	32.4800	38.4700	50.4000	0.0828		
17/07/2018	95.6694	0.8654	0.2465	1.0797	3.5651	253.2565	35.9000	38.5000	50.4100	0.1189		
18/07/2018	95.9333	0.8491	0.2403	1.0825	3.5754	253.0348	44.4400	38.5100	50.4200	0.1820		
19/07/2018	96.4974	0.8733	0.3793	1.1746	2.9682	253.8777	36.6000	38.4000	50.3900	0.1549		
20/07/2018	96.3402	0.9152	0.2806	1.1779	2.6917	256.9401	35.9000	38.2700	50.2500	0.1820		
21/07/2018	96.3571	0.9566	0.2901	1.2056	2.6800	256.8072	36.4000	38.2200	50.2200	0.1820		
22/07/2018	96.3125	0.9672	0.2882	1.2056	2.6711	255.3529	41.7300	38.1900	50.1800	0.2000		
23/07/2018	96.2645	0.9544	0.2178	1.1722	2.4077	254.3786	42.8300	38.1100	50.1000	0.2270		
24/07/2018	96.3998	1.0090	0.2522	1.2570	2.4427	254.3786	43.7400	38.1100	50.1000	0.2631		
25/07/2018	96.4406	1.0250	0.2731	1.2508	2.6035	254.3865	43.5400	38.1500	50.1100	0.2360		
26/07/2018	96.3463	1.1015	0.2725	1.3016	3.5930	259.3330	45.1400	38.5000	50.3900	0.2450		
27/07/2018	96.3228	0.9254	0.2527	1.1633	3.3021	254.8861	42.9300	38.4000	50.3300	0.2090		
28/07/2018	96.4768	0.9000	0.2610	1.1152	2.7795	253.7797	40.5200	38.3600	50.3300	0.1820		
29/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	38.6100	38.2600	50.2600	0.1730		
30/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	42.5300	38.2600	50.2600	0.1910		
31/07/2018	96.3884	0.9833	0.2650	1.2357	2.6241	254.1873	322.0200	38.2700	50.2600	0.2090		

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Mínimo	95.6694	0.8193	0.2133	1.0589	2.4077	251.3999	4.9400	38.1100	50.1000	0.0468		
Promedio	96.2427	0.9214	0.2564	1.1501	2.9798	253.9865	50.7329	38.3306	50.3055	0.1354		
Máximo	96.5772	1.1015	0.3793	1.3016	3.5930	259.3330	322.0200	38.5200	50.4500	0.2631		
Desv. Est.	0.23284	0.06095	0.03285	0.06294	0.36306	1.60478	73.54620	0.11477	0.09223	0.06793		

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.
01/07/2018	95.2242	0.7918	0.1859	1.0018	3.0408	249.9142	4.8400	38.3400	50.2900	0.0018		
02/07/2018	95.3647	0.7985	0.1860	0.9871	3.0478	251.1272	4.8400	38.3400	50.2900	0.0018		
03/07/2018	95.4019	0.8095	0.1731	0.9935	2.5311	249.8937	4.8400	38.1500	50.1400	0.0018		
04/07/2018	95.9434	0.7797	0.1700	0.9871	2.3079	244.8518	4.8400	38.1100	50.1700	0.0018		
05/07/2018	95.6414	0.7515	0.1801	1.0113	2.6025	244.6692	4.8400	38.1300	50.0800	0.0018		
06/07/2018	95.7366	0.8255	0.1771	1.0270	2.5136	244.4590	4.8400	38.1500	50.1700	0.0018		
07/07/2018	95.8837	0.8133	0.1769	1.0068	2.4828	248.0396	29.6700	38.1400	50.1500	0.0018		
08/07/2018	95.9092	0.8101	0.1802	1.0082	2.5413	249.3429	31.6800	38.1800	50.1800	0.0018		
09/07/2018	95.9352	0.7972	0.1619	1.0001	2.5755	249.4521	28.9600	38.1900	50.1800	0.0018		
10/07/2018	95.9665	0.8320	0.1702	1.0158	2.3639	248.6246	28.0600	38.1100	50.1700	0.0018		
11/07/2018	95.8238	0.7852	0.1856	0.9881	2.4878	249.5410	28.1600	38.1400	50.1000	0.0018		
12/07/2018	95.9556	0.7947	0.2007	0.9994	2.4678	249.3832	28.6600	38.1300	50.1200	0.0018		
13/07/2018	95.7135	0.7883	0.1909	0.9974	2.5528	250.1508	29.4700	38.1700	50.1900	0.0018		
14/07/2018	95.9710	0.7338	0.1911	0.9764	2.2984	248.1659	29.2700	38.1200	50.2200	0.0018		
15/07/2018	95.2659	0.7197	0.2074	0.9393	2.4453	249.6778	30.1700	38.1900	50.2700	0.0018		
16/07/2018	95.2833	0.7845	0.1920	1.0132	2.7979	250.0850	30.0700	38.2400	50.2300	0.0018		
17/07/2018	95.1949	0.7918	0.1954	1.0160	3.1386	249.4222	32.1800	38.3500	50.3100	0.0018		
18/07/2018	95.2063	0.7699	0.2053	0.9924	2.8555	249.1160	31.7800	38.2800	50.2600	0.0018		
19/07/2018	95.8095	0.7142	0.2191	0.9746	2.2136	250.2345	31.6800	38.0500	50.0900	0.0018		
20/07/2018	95.9867	0.8447	0.2336	1.0960	2.3787	253.3969	31.6800	38.1200	50.1300	0.0288		
21/07/2018	95.9993	0.8272	0.2339	1.0957	2.3245	252.5428	31.6800	38.0800	50.0900	0.0198		
22/07/2018	95.9716	0.8657	0.2157	1.1060	2.3372	252.1055	7.1600	38.0800	50.0700	0.0198		
23/07/2018	96.2645	0.9544	0.2178	1.1722	2.4077	254.3786	32.3800	38.1100	50.1000	0.0378		
24/07/2018	96.1702	0.9540	0.1999	1.1722	2.2237	249.0100	38.3100	38.0200	50.0000	0.0288		
25/07/2018	96.0245	0.9390	0.1860	1.1405	2.2544	250.1327	38.4100	38.0400	50.0200	0.0468		
26/07/2018	95.1347	0.8273	0.1829	1.0566	2.3559	250.0766	38.2100	38.0600	49.9800	0.0468		
27/07/2018	95.3836	0.8127	0.2079	1.0269	2.4694	250.2153	38.6100	38.1600	50.1900	0.0288		
28/07/2018	95.8860	0.8074	0.2023	1.0226	2.3098	248.2410	38.6100	38.0900	50.1400	0.0288		
29/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	32.1800	38.2600	50.2600	0.0378		
30/07/2018	96.0606	0.8487	0.2288	1.0775	2.6241	252.9511	33.2900	38.2600	50.2600	0.0378		
31/07/2018	96.0462	0.8463	0.2253	1.0765	2.2730	250.2067	33.2900	38.0600	50.0300	0.0378		

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Mínimo	95.1347	0.7142	0.1619	0.9393	2.2136	244.4590	4.8400	38.0200	49.9800	0.0018		
Promedio	95.7490	0.8151	0.1972	1.0341	2.5112	249.7535	26.2148	38.1565	50.1574	0.0140		
Máximo	96.2645	0.9544	0.2339	1.1722	3.1386	254.3786	38.6100	38.3500	50.3100	0.0468		
Desv. Est.	0.33532	0.05756	0.02046	0.05835	0.24313	2.30919	11.96297	0.08961	0.08925	0.01652		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.