

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.
01/08/2016	95.4372	0.8293	0.2528	1.0821	3.1548	254.1014	99.4900	38.4700	50.3800	0.0604		
02/08/2016	95.8320	0.8078	0.2538	1.0617	2.7954	256.1836	94.8400	38.3600	50.3300	0.0756		
03/08/2016	95.5304	0.9005	0.2527	1.1531	2.9637	259.7932	95.6300	38.4100	50.2900	0.0680		
04/08/2016	95.3559	0.8430	0.2615	1.1045	3.2346	257.5179	96.4500	38.4700	50.3600	0.0813		
05/08/2016	95.1889	0.8468	0.2523	1.0991	3.3791	257.3058	91.2000	38.5300	50.3900	0.0723		
06/08/2016	95.2460	0.8466	0.2386	1.0852	3.3240	257.3803	87.3000	38.5200	50.4000	0.0448		
07/08/2016	95.3729	0.8436	0.2401	1.0837	3.2346	257.7978	72.0000	38.4800	50.3800	0.0448		
08/08/2016	94.1875	0.9174	0.2414	1.1587	4.3331	257.1363	77.9600	38.7700	50.4900	0.0723		
09/08/2016	93.9801	0.9843	0.2371	1.2214	4.4815	256.6619	81.3600	38.7800	50.4500	0.0857		
10/08/2016	93.8828	1.0370	0.2248	1.2619	4.5275	257.3598	29.9500	38.7900	50.4300	0.0093		
11/08/2016	93.8435	1.0394	0.2373	1.2767	4.5623	256.4285	19.3000	38.7900	50.4200	0.1242		
12/08/2016	93.8425	1.0486	0.2345	1.2830	4.5847	255.6065	17.9500	38.7700	50.4000	0.0289		
13/08/2016	94.0351	1.0388	0.2325	1.2713	4.4038	255.8404	15.6900	38.7300	50.3900	0.1172		
14/08/2016	93.9490	1.0474	0.2334	1.2809	4.4769	256.2957	16.1300	38.7500	50.3900	0.1129		
15/08/2016	94.0770	1.0237	0.2503	1.2739	4.3453	257.1175	10.8600	38.7200	50.3900	0.1077		
16/08/2016	94.1088	1.0317	0.2574	1.2892	4.3109	256.9204	10.8300	38.7000	50.3700	0.1115		
17/08/2016	94.1184	1.0291	0.2511	1.2803	4.3139	256.9348	10.7600	38.7000	50.3700	0.0872		
18/08/2016	93.9460	1.0369	0.2389	1.2758	4.4541	256.9351	19.7000	38.7600	50.4100	0.1186		
19/08/2016	94.1365	1.0209	0.2451	1.2659	4.3097	257.0344	25.7100	38.7000	50.3800	0.1187		
20/08/2016	94.0745	1.0787	0.2418	1.3205	4.2990	260.4627	24.1000	38.7000	50.3400	0.1073		
21/08/2016	94.1242	1.0711	0.2419	1.3130	4.2726	259.4707	24.7500	38.6800	50.3300	0.0804		
22/08/2016	94.3832	1.0588	0.2392	1.2980	4.0558	257.5712	24.1500	38.6000	50.3000	0.0474		
23/08/2016	94.3428	1.0492	0.2688	1.3180	4.0680	258.6038	22.7000	38.6000	50.2900	0.0940		
24/08/2016	94.3385	1.0515	0.2662	1.3176	4.0783	258.9731	22.8800	38.6100	50.3000	0.0588		
25/08/2016	94.5277	1.0492	0.2496	1.2987	3.9373	257.0608	23.7300	38.5500	50.2700	0.0588		
26/08/2016	94.5755	1.0043	0.2197	1.2240	3.9002	260.3470	22.6500	38.6200	50.3600	0.0588		
27/08/2016	94.6908	0.9483	0.2087	1.1569	3.9327	257.1363	23.2400	38.5900	50.3800	0.0588		
28/08/2016	94.4054	1.0069	0.2155	1.2223	4.1476	257.0766	22.6100	38.6300	50.3600	0.0588		
29/08/2016	94.3882	1.0228	0.2078	1.2307	4.1396	257.8365	22.3800	38.6400	50.3600	0.0588		
30/08/2016	94.2699	1.0355	0.2268	1.2623	4.1711	257.3967	22.3300	38.6800	50.3600	0.0588		
31/08/2016	94.4819	1.0261	0.2454	1.2715	3.9535	257.8677	22.9200	38.6100	50.3200	0.0588		


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

Mínimo	93.8425	0.8078	0.2078	1.0617	2.7954	254.1014	10.7600	38.3600	50.2700	0.0093		
Promedio	94.4733	0.9863	0.2409	1.2272	4.0047	257.4243	40.3726	38.6358	50.3674	0.0755		
Máximo	95.8320	1.0787	0.2688	1.3205	4.5847	260.4627	99.4900	38.7900	50.4900	0.1242		
Desv. Est.	0.57069	0.08446	0.01516	0.08286	0.51015	1.34857	31.93640	0.11744	0.04892	0.02886		

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.
01/08/2016	96.1056	0.9730	0.2879	1.2323	3.6965	258.3778	107.0700	38.6500	50.4800	0.0962		
02/08/2016	96.1272	0.9079	0.2783	1.1594	3.0458	260.2278	98.6200	38.4300	50.3800	0.1050		
03/08/2016	95.9248	0.9749	0.2724	1.2329	3.3690	262.0958	159.2000	38.5600	50.4000	0.1050		
04/08/2016	95.7735	0.9116	0.2834	1.1810	3.6370	261.9221	99.9300	38.5800	50.4300	0.1050		
05/08/2016	95.3218	0.8944	0.2821	1.1589	3.6680	261.5211	101.7400	38.6000	50.4300	0.1050		
06/08/2016	95.6627	0.8952	0.2761	1.1611	3.4309	260.1151	90.8700	38.5700	50.4400	0.0787		
07/08/2016	97.0184	0.9557	0.2648	1.2094	4.0254	289.0533	322.5300	38.7900	50.5300	0.0787		
08/08/2016	94.5252	0.9576	0.2550	1.1989	4.4733	259.4492	82.9200	38.8100	50.5300	0.0875		
09/08/2016	94.1014	1.0695	0.2495	1.3068	4.6697	260.0383	84.6300	38.8600	50.5500	0.1050		
10/08/2016	94.0928	1.0698	0.2438	1.3025	4.6688	258.7305	258.0200	38.8400	50.4700	0.1225		
11/08/2016	93.9753	1.0846	0.2572	1.3175	4.6926	259.0556	257.9200	38.8200	50.4600	0.1487		
12/08/2016	93.9646	1.0935	0.2475	1.3288	4.7040	258.0832	258.5300	38.8300	50.4500	0.1487		
13/08/2016	94.2053	1.0747	0.2440	1.3119	4.5499	260.4271	253.9000	38.8100	50.4400	0.1400		
14/08/2016	94.1404	1.0862	0.2472	1.3246	4.5942	258.7749	253.5900	38.7900	50.4400	0.1312		
15/08/2016	94.2575	1.0624	0.2735	1.3189	4.5377	259.6796	308.5400	38.8100	50.4500	0.1312		
16/08/2016	94.3167	1.0594	0.2720	1.3191	4.4428	259.5148	310.2500	38.7500	50.4000	0.1400		
17/08/2016	94.2706	1.0631	0.2707	1.3154	4.4579	259.7758	310.2500	38.7400	50.4000	0.1225		
18/08/2016	94.2497	1.0757	0.2682	1.3178	4.7125	260.1950	322.0200	39.0100	50.5500	0.1575		
19/08/2016	94.3553	1.0675	0.2610	1.3151	4.4957	259.1906	331.4800	38.7500	50.4200	0.1575		
20/08/2016	94.3577	1.1692	0.2612	1.4142	4.4664	266.8037	331.4800	38.8400	50.4300	0.1487		
21/08/2016	94.3481	1.1609	0.2534	1.4045	4.4091	266.7058	26.5700	38.8900	50.4400	0.1137		
22/08/2016	94.6835	1.0842	0.2652	1.3338	4.4903	265.8619	322.3300	38.7300	50.4100	0.1225		
23/08/2016	94.5395	1.0685	0.3050	1.3557	4.1440	260.4962	24.0500	38.6300	50.3200	0.1225		
24/08/2016	94.5260	1.0729	0.3050	1.3466	4.1466	260.7963	23.6500	38.6300	50.3100	0.0962		
25/08/2016	94.9807	1.0980	0.3299	1.3363	4.2389	260.4717	322.2300	38.6400	50.3200	0.0612		
26/08/2016	95.0087	1.1035	0.2599	1.3143	4.3041	265.1309	23.4500	39.0100	50.5800	0.0612		
27/08/2016	95.1334	1.0146	0.2476	1.2233	4.3418	260.1382	24.0500	38.6800	50.4800	0.0612		
28/08/2016	94.5676	1.1103	0.2532	1.3283	4.4175	259.7928	24.4500	38.7100	50.4100	0.0612		
29/08/2016	94.9859	1.1203	0.2363	1.3482	4.4804	259.7461	23.2500	38.7400	50.4700	0.0612		
30/08/2016	94.5463	1.0922	0.2467	1.3287	4.6029	261.5884	23.0400	38.7700	50.4200	0.0087		
31/08/2016	94.6435	1.0692	0.2810	1.3061	4.3678	259.7977	23.6500	38.7500	50.4200	0.0087		

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Mínimo	93.9646	0.8944	0.2363	1.1589	3.0458	258.0832	23.0400	38.4300	50.3100	0.0087		
Promedio	94.7971	1.0465	0.2671	1.2920	4.2671	261.7277	167.8777	38.7426	50.4406	0.1030		
Máximo	97.0184	1.1692	0.3299	1.4142	4.7125	289.0533	331.4800	39.0100	50.5800	0.1575		
Desv. Est.	0.75447	0.07505	0.02075	0.06925	0.43937	5.56672	125.47518	0.12746	0.06403	0.03925		

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.
01/08/2016	94.8119	0.7532	0.2298	0.9930	2.5546	247.9149	94.5900	38.3400	50.3000	0.0350		
02/08/2016	95.5361	0.7435	0.2349	0.9885	2.5949	249.9685	91.8800	38.3000	50.2400	0.0437		
03/08/2016	95.0619	0.7602	0.2328	1.0136	2.6782	254.0051	89.2600	38.3100	50.2200	0.0437		
04/08/2016	94.9049	0.7592	0.2370	1.0109	2.8920	253.0085	93.6900	38.3600	50.2500	0.0525		
05/08/2016	94.8741	0.8047	0.2178	1.0499	3.2630	252.2191	83.5300	38.4600	50.3300	0.0087		
06/08/2016	95.1121	0.7974	0.2147	1.0395	2.9817	255.1764	85.9400	38.3600	50.2600	0.0087		
07/08/2016	94.5242	0.6433	0.2082	0.8515	1.9227	253.3665	85.9400	38.1200	50.2700	0.0087		
08/08/2016	94.0242	0.8952	0.2036	1.1108	4.0158	253.8806	85.9400	38.6500	50.4200	0.0525		
09/08/2016	93.8261	0.8956	0.2123	1.1158	4.3337	251.5240	78.4900	38.7100	50.3500	0.0612		
10/08/2016	93.7147	1.0159	0.2014	1.2204	4.3277	253.6040	78.4900	38.7200	50.3700	0.0612		
11/08/2016	93.6903	1.0126	0.2176	1.2381	4.4573	251.8854	78.4900	38.7400	50.3800	0.0962		
12/08/2016	93.7160	1.0102	0.2186	1.2369	4.4737	250.0185	78.4900	38.7400	50.3600	0.0962		
13/08/2016	93.8115	0.9963	0.2148	1.2172	4.2590	250.8751	78.4900	38.6700	50.3400	0.0787		
14/08/2016	93.7825	1.0092	0.2177	1.2306	4.3415	252.2321	78.4900	38.7100	50.3500	0.0787		
15/08/2016	93.8728	0.9984	0.2233	1.2335	4.1920	250.4222	78.4900	38.6500	50.3300	0.0787		
16/08/2016	93.9485	1.0030	0.2371	1.2556	4.1170	251.8486	78.4900	38.6400	50.3300	0.0525		
17/08/2016	93.9809	0.9989	0.2246	1.2446	4.1602	252.1153	78.4900	38.6500	50.3300	0.0350		
18/08/2016	93.4727	1.0136	0.2205	1.2389	4.2013	253.5098	78.4900	38.6600	50.3400	0.0350		
19/08/2016	93.9582	0.9871	0.2261	1.2259	4.1139	253.3057	78.4900	38.6600	50.3300	0.0350		
20/08/2016	93.8792	1.0257	0.2206	1.2615	4.0225	254.0230	78.4900	38.6000	50.2300	0.0350		
21/08/2016	93.8789	1.0230	0.2256	1.2566	4.0629	254.9760	23.6500	38.6200	50.2500	0.0525		
22/08/2016	93.9958	1.0007	0.2055	1.2373	3.7991	252.0645	23.6500	38.5200	50.2500	0.0525		
23/08/2016	94.2593	1.0238	0.2502	1.2836	3.8998	253.5892	21.4300	38.5600	50.2600	0.0612		
24/08/2016	94.2658	1.0286	0.2401	1.2897	3.9131	257.0689	22.0400	38.5600	50.2700	0.0175		
25/08/2016	94.2412	0.9934	0.2028	1.2514	3.5315	251.6231	22.0400	38.4400	50.2000	0.0175		
26/08/2016	93.8454	0.8976	0.1821	1.0854	3.5206	256.0258	21.7400	38.4400	50.2300	0.0175		
27/08/2016	94.2328	0.8703	0.1693	1.0606	3.5067	251.9357	22.5400	38.4700	50.3200	0.0175		
28/08/2016	94.0817	0.9572	0.1845	1.1685	3.9153	253.1870	21.4300	38.5400	50.2500	0.0175		
29/08/2016	94.0136	0.8827	0.1582	1.0673	3.6551	253.2274	21.7400	38.5400	50.2600	0.0175		
30/08/2016	93.8451	0.9780	0.2050	1.1881	3.9076	252.6689	21.4300	38.5900	50.3000	0.0175		
31/08/2016	94.0634	0.9759	0.2147	1.2217	3.7811	253.6763	21.9400	38.5500	50.2700	0.0175		

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Mínimo	93.4727	0.6433	0.1582	0.8515	1.9227	247.9149	21.4300	38.1200	50.2000	0.0087		
Promedio	94.1686	0.9276	0.2146	1.1576	3.7224	252.7402	61.1703	38.5445	50.2965	0.0420		
Máximo	95.5361	1.0286	0.2502	1.2897	4.4737	257.0689	94.5900	38.7400	50.4200	0.0962		
Desv. Est.	0.49561	0.10884	0.02024	0.11224	0.64418	1.85001	29.77883	0.15257	0.05456	0.02579		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE