



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.
01/11/2017	96.9167	0.7701	0.2699	1.0400	1.8640	248.7852	23.1800	38.0200	50.1500	0.6022		
02/11/2017	96.9068	0.8152	0.2621	1.0774	1.8065	250.2923	22.5000	38.0100	50.1100	0.5420		
03/11/2017	96.6666	0.7324	0.2937	1.0261	2.0498	248.9643	23.8900	38.1200	50.2100	0.3782		
04/11/2017	96.6161	0.7675	0.3180	1.0856	2.0393	250.9132	25.8300	38.1000	50.1700	0.3300		
05/11/2017	96.6570	0.7793	0.2915	1.0708	2.0443	250.8874	30.3300	38.0700	50.1700	0.3807		
06/11/2017	96.6336	0.7521	0.2992	1.0514	2.1062	250.2265	27.9600	38.1000	50.2000	0.3563		
07/11/2017	96.7445	0.7111	0.3112	1.0223	2.0650	247.6437	26.5700	38.0800	50.2100	0.3092		
08/11/2017	96.8589	0.6845	0.2675	0.9520	1.9987	246.9059	26.5200	38.0800	50.2600	0.3161		
09/11/2017	96.9953	0.6891	0.2637	0.9529	1.9115	249.4306	26.3400	38.0400	50.2400	0.3742		
10/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	25.7000	38.0400	50.2300	0.3719		
11/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	25.6600	38.0400	50.2300	0.3649		
12/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	33.4600	38.0400	50.2300	0.4344		
13/11/2017	96.9279	0.7666	0.2955	1.0621	1.8331	250.1319	38.0100	38.0000	50.1300	0.2598		
14/11/2017	97.0444	0.7921	0.2548	1.0470	1.7293	249.5126	29.4000	37.9700	50.1200	0.2681		
15/11/2017	96.8984	0.8021	0.2807	1.0828	1.8207	249.3161	26.0200	37.9800	50.1200	0.2298		
16/11/2017	96.6493	0.7912	0.2968	1.0881	2.0523	251.7619	25.0000	38.0800	50.1600	0.1973		
17/11/2017	96.7321	0.7595	0.3147	1.0743	1.9550	254.4129	24.2400	38.0800	50.1900	0.0623		
18/11/2017	97.0822	0.7783	0.2513	1.0296	1.7020	253.4691	26.1700	37.9800	50.1400	0.0696		
19/11/2017	97.3125	0.7762	0.2212	0.9974	1.5356	251.5574	28.3900	37.9200	50.1200	0.0740		
20/11/2017	97.0872	0.8187	0.2673	1.0859	1.6608	253.6088	28.4000	37.9200	50.0800	0.0713		
21/11/2017	96.9422	0.8166	0.2840	1.1006	1.7857	252.6991	28.2300	37.9600	50.0900	0.0683		
22/11/2017	96.7912	0.8413	0.2979	1.1393	1.8933	250.8674	28.8900	37.9800	50.0500	0.0560		
23/11/2017	96.6966	0.8137	0.3041	1.1178	2.0275	250.6791	29.7500	38.0200	50.1100	0.0331		
24/11/2017	96.8898	0.7931	0.2703	1.0634	1.9056	249.3010	25.8300	38.0200	50.1200	0.0364		
25/11/2017	97.0179	0.7888	0.2601	1.0488	1.7927	249.1138	22.2800	37.9800	50.1200	0.1580		
26/11/2017	96.8750	0.7860	0.2808	1.0669	1.8827	250.5769	20.9000	38.0100	50.1300	0.0642		
27/11/2017	96.7318	0.8114	0.3162	1.1276	1.9036	251.1119	22.3100	38.0300	50.1100	0.0608		
28/11/2017	96.6717	0.8131	0.2987	1.1118	2.0318	249.9907	24.1300	38.0400	50.1200	0.0669		
29/11/2017	96.6424	0.7956	0.3285	1.1242	2.0775	249.5907	22.9600	38.0400	50.1100	0.0647		
30/11/2017	96.5476	0.7828	0.3085	1.0914	2.1753	250.6349	21.3800	38.1000	50.1600	0.0642		

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

Mínimo	96.5476	0.6845	0.2212	0.9520	1.5356	246.9059	20.9000	37.9200	50.0500	0.0331		
Promedio	96.8494	0.7699	0.2833	1.0532	1.9128	250.3587	26.3410	38.0283	50.1530	0.2222		
Máximo	97.3125	0.8413	0.3285	1.1393	2.1753	254.4129	38.0100	38.1200	50.2600	0.6022		
Desv. Est.	0.17960	0.04547	0.02455	0.05611	0.14492	1.65542	3.65172	0.05240	0.05338	0.16624		

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.
01/11/2017	97.0645	0.8179	0.2967	1.0743	2.0359	253.5325	23.9400	38.0700	50.2000	0.7226		
02/11/2017	97.0730	0.9143	0.3070	1.1824	2.0442	253.7522	23.5400	38.1100	50.2100	0.7046		
03/11/2017	96.9270	0.8036	0.3305	1.1162	2.3116	256.9902	25.0400	38.2100	50.3100	0.5604		
04/11/2017	96.8560	0.8396	0.3506	1.1489	2.2970	255.8231	29.6700	38.1600	50.2500	0.4523		
05/11/2017	96.9394	0.8701	0.3229	1.1767	2.3074	257.1201	31.6800	38.1600	50.2300	0.5604		
06/11/2017	96.7373	0.8052	0.3381	1.1032	2.2489	257.2627	29.9700	38.1500	50.2400	0.5874		
07/11/2017	96.9327	0.7649	0.3355	1.0731	2.2419	254.0045	27.8600	38.1600	50.2800	0.4523		
08/11/2017	97.0256	0.7271	0.3002	0.9938	2.2738	253.2712	27.7600	38.2000	50.3100	0.4613		
09/11/2017	96.9962	0.6894	0.2753	0.9529	1.9321	250.1300	331.1700	38.0500	50.2400	0.4703		
10/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	27.3600	38.0400	50.2300	0.4613		
11/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	26.6500	38.0400	50.2300	0.4793		
12/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	39.2100	38.0400	50.2300	0.5694		
13/11/2017	97.1141	0.8285	0.3369	1.1597	1.9329	255.0794	43.2300	38.0400	50.2300	0.4252		
14/11/2017	97.2026	0.9125	0.2835	1.1550	2.0266	254.4949	32.4800	38.0400	50.1500	0.3892		
15/11/2017	97.1127	0.8680	0.3159	1.1533	1.9790	253.7023	27.9600	38.0300	50.1500	0.3261		
16/11/2017	96.8504	0.8535	0.3441	1.1316	2.4138	259.8203	331.1700	38.2000	50.2500	0.3261		
17/11/2017	96.9656	0.9525	0.3918	1.2257	2.1331	259.4821	321.8200	38.1700	50.2400	0.2270		
18/11/2017	97.3814	0.8239	0.3090	1.0847	1.8339	258.7625	27.6600	38.0600	50.2400	0.1549		
19/11/2017	97.4276	0.8596	0.2605	1.1168	1.6257	255.2297	29.1600	37.9600	50.1600	0.1549		
20/11/2017	97.2921	0.8776	0.3026	1.1573	1.8011	258.8564	29.6700	37.9800	50.1200	0.1459		
21/11/2017	97.1688	0.9077	0.3366	1.1833	2.0137	258.7641	30.5700	38.0300	50.1300	0.1549		
22/11/2017	96.9281	0.9044	0.3374	1.1942	1.9746	256.7307	30.3700	38.0200	50.1200	0.1189		
23/11/2017	96.8333	0.8798	0.3538	1.1725	2.2341	257.1166	32.0800	38.0800	50.1500	0.1279		
24/11/2017	97.0440	0.8513	0.3118	1.1273	2.1518	255.5486	28.8600	38.0900	50.1800	0.1099		
25/11/2017	97.1012	0.8364	0.3021	1.1033	1.8914	255.3068	24.9400	38.0100	50.1700	2.7589		
26/11/2017	96.9986	0.8221	0.3321	1.1313	1.9514	255.9809	331.1700	38.0500	50.1700	0.1459		
27/11/2017	96.7318	0.8114	0.3162	1.1276	1.9036	251.1119	23.3400	38.0300	50.1100	0.1279		
28/11/2017	96.7775	0.8518	0.3257	1.1523	2.1824	255.9108	322.3200	38.0900	50.1600	0.1549		
29/11/2017	96.7804	0.8275	0.3581	1.1830	2.2737	254.1882	25.0400	38.1200	50.1500	0.1369		
30/11/2017	96.6827	0.8633	0.3358	1.1718	2.3206	258.3205	22.1300	38.1900	50.2100	0.1369		

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Mínimo	96.6827	0.6894	0.2605	0.9529	1.6257	249.4587	22.1300	37.9600	50.1100	0.1099		
Promedio	96.9964	0.8277	0.3167	1.1137	2.0690	255.1556	78.5940	38.0860	50.2017	0.4201		
Máximo	97.4276	0.9525	0.3918	1.2257	2.4138	259.8203	331.1700	38.2100	50.3100	2.7589		
Desv. Est.	0.18213	0.07133	0.03179	0.07819	0.19288	3.00594	113.32765	0.07005	0.05503	0.48243		

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 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.
01/11/2017	96.7623	0.7267	0.2323	1.0016	1.7197	244.9402	22.2300	37.9600	50.1000	0.4613		
02/11/2017	96.6150	0.7204	0.2237	0.9789	1.7037	246.1456	21.5300	37.9400	50.0200	0.2721		
03/11/2017	96.4039	0.6795	0.2605	0.9445	1.8663	243.4197	22.7300	38.0400	50.1500	0.1820		
04/11/2017	96.3031	0.7087	0.2752	0.9920	1.8619	247.2955	23.3400	38.0500	50.1200	0.2000		
05/11/2017	96.2735	0.7234	0.2537	0.9913	1.7766	247.0421	28.6600	38.0000	50.1200	0.1730		
06/11/2017	96.5060	0.7127	0.2691	1.0084	1.9931	245.5401	25.2500	38.0500	50.1400	0.1549		
07/11/2017	96.5581	0.6484	0.2798	0.9569	1.9089	242.7144	24.8400	38.0500	50.1600	0.1279		
08/11/2017	96.4739	0.6540	0.2269	0.9163	1.8997	242.3208	25.4500	38.0400	50.2000	0.2000		
09/11/2017	96.9692	0.6715	0.2510	0.9343	1.9112	248.2685	25.4500	38.0400	50.2300	0.2000		
10/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	24.3400	38.0400	50.2300	0.2631		
11/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	24.6400	38.0400	50.2300	0.2180		
12/11/2017	96.9821	0.6894	0.2635	0.9529	1.9112	249.4587	25.9500	38.0400	50.2300	0.3171		
13/11/2017	96.7232	0.6894	0.2589	0.9529	1.6258	248.2017	31.8800	37.9200	50.0600	0.1730		
14/11/2017	96.6171	0.7604	0.2041	1.0023	1.6312	246.6277	26.6500	37.9200	50.0700	0.1459		
15/11/2017	96.6698	0.7424	0.2502	1.0182	1.6939	245.8966	23.9400	37.9500	50.0700	0.1459		
16/11/2017	96.2852	0.7525	0.2616	1.0495	1.8362	247.7721	23.9400	37.9900	50.0700	0.1459		
17/11/2017	96.4452	0.6848	0.2540	0.9835	1.7925	250.3459	23.9400	38.0200	50.0300	0.1459		
18/11/2017	96.8918	0.6857	0.2023	0.9128	1.5246	249.8439	24.3400	37.9200	50.0800	0.1459		
19/11/2017	97.2224	0.7337	0.2039	0.9478	1.4874	248.7234	27.2600	37.8700	50.0100	0.0108		
20/11/2017	96.9183	0.7697	0.2308	1.0345	1.4885	250.0664	27.0500	37.8700	50.0100	0.0108		
21/11/2017	96.6789	0.7712	0.2351	1.0255	1.6122	248.5934	26.0500	37.8900	49.9900	0.0018		
22/11/2017	96.6915	0.7906	0.2679	1.0825	1.7983	246.8726	26.5500	37.9500	50.0200	0.0108		
23/11/2017	96.4394	0.7700	0.2593	1.0546	1.8990	246.1624	27.8600	37.9800	50.0600	0.0108		
24/11/2017	96.5980	0.7499	0.2468	1.0021	1.7667	244.6722	23.4400	37.9400	50.0500	0.0108		
25/11/2017	96.8636	0.7555	0.2208	0.9838	1.7174	245.7314	19.9200	37.9400	50.0600	0.0108		
26/11/2017	96.7021	0.7654	0.2418	1.0138	1.7852	247.4146	19.9200	37.9800	50.0900	0.0108		
27/11/2017	96.7318	0.8114	0.3162	1.1276	1.9036	251.1119	20.6200	38.0300	50.1100	0.0108		
28/11/2017	96.4908	0.7868	0.2628	1.0577	1.8971	245.6209	20.6200	38.0200	50.0900	0.0108		
29/11/2017	96.3870	0.7687	0.2865	1.0663	1.9879	246.6731	20.6200	38.0100	50.0800	0.0108		
30/11/2017	96.2914	0.7499	0.2755	1.0397	2.0952	246.2810	20.5200	38.0500	50.0900	0.0108		

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Mínimo	96.2735	0.6484	0.2023	0.9128	1.4874	242.3208	19.9200	37.8700	49.9900	0.0018		
Promedio	96.6486	0.7284	0.2514	0.9979	1.7972	247.0891	24.3177	37.9847	50.0990	0.1264		
Máximo	97.2224	0.8114	0.3162	1.1276	2.0952	251.1119	31.8800	38.0500	50.2300	0.4613		
Desv. Est.	0.24893	0.04316	0.02575	0.05143	0.15208	2.23392	2.84992	0.05806	0.07029	0.11533		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.