CENAGAS
CENTRO NACIONAL DE CONTROL DEL GAS NATURAL

REPORTE DE PROPIEDADES FUERA DE ESPECIFICACIÓN

PARAMETRO FUERA DE ESPECIFICACIÓN: **ZONA:** ***SUR***

Metano % VOL NORMA (83)	Etano % VOL NORMA (11)	N2 % VOL NORMA (8)	CO2 % VOL NORMA (3)	Total de Inertes % VOL NORMA (8)	Poder Calorífico MJoules /m3 NORMA (36,30 - 43,60)	Índice de Woobe MJoules /m3 NORMA (46,20 - 53,20)	Temperatura de Rocío K (°C) NORMA (271,15 (-2))	Humedad mg/m3 NORMA (110)	Acido Sulfhídrico mg/m3 NORMA (6)
% C1	% C2	N2	CO2	CO2+N2	Poder Calorífico	I. Wobbe	HCDP	H2O	H2S
		X							

A) FECHA Y LUGAR DONDE SE REGISTRÓ EL INCUMPLIMIENTO

B) PERIODO DURANTE EL CUAL EL GAS NATURAL SE ENCUENTRA FUERA DE ESPECIFICACIONES.

Fecha de Flujo Fuera de Especificación	Valor Prom/ Día %Vol	Lugar donde se registró el inclumplimiento
01-ene-17	8.454376896	TRONCAL 48"
02-ene-17	8.916323304	TRONCAL 48"
03-ene-17	9.096010327	TRONCAL 48"
04-ene-17	9.204478979	TRONCAL 48"
05-ene-17	8.778569579	TRONCAL 48"
06-ene-17	9.300670624	TRONCAL 48"
07-ene-17	9.319506486	TRONCAL 48"
08-ene-17	8.609387875	TRONCAL 48"
09-ene-17	8.841792027	TRONCAL 48"
10-ene-17	9.292748531	TRONCAL 48"
11-ene-17	9.435601711	TRONCAL 48"
12-ene-17	9.464502056	TRONCAL 48"
13-ene-17	9.228585402	TRONCAL 48"
14-ene-17	8.991901278	TRONCAL 48"
15-ene-17	8.72336785	TRONCAL 48"
16-ene-17	8.942996105	TRONCAL 48"
17-ene-17	9.208305955	TRONCAL 48"
18-ene-17	9.168581843	TRONCAL 48"
19-ene-17	9.137401064	TRONCAL 48"
20-ene-17	9.003293236	TRONCAL 48"
21-ene-17	8.985142549	TRONCAL 48"
22-ene-17	9.102397839	TRONCAL 48"
23-ene-17	9.316224813	TRONCAL 48"
24-ene-17	9.422373891	TRONCAL 48"
25-ene-17	8.871679266	TRONCAL 48"
26-ene-17	8.827846169	TRONCAL 48"
27-ene-17	8.917006731	TRONCAL 48"
28-ene-17	8.738868078	TRONCAL 48"
29-ene-17	8.96475176	TRONCAL 48"
30-ene-17	9.290736039	TRONCAL 48"
31-ene-17	9.790767709	TRONCAL 48"

C) REGISTRO DE LOS VALORES PROMEDIO HORARIOS DE CADA UNA DE LAS PROPIEDADES QUE ESTUVIERON FUERA DE ESPECIFICACIONES DURANTE DICHO PERIODO.

Fecha y Hora	N_2	Fecha y Hora	N_2	Fecha y Hora	N_2	Fecha y Hora	N_2
01/01/2017 09:00	8.1605	04/01/2017 07:00	8.9619	07/01/2017 05:00	9.3022	10/01/2017 03:00	9.4276
01/01/2017 10:00	8.1330	04/01/2017 08:00	9.0057	07/01/2017 06:00	9.5452	10/01/2017 04:00	9.2858
01/01/2017 11:00	8.1845	04/01/2017 09:00	9.0437	07/01/2017 07:00	9.5872	10/01/2017 05:00	9.3113
01/01/2017 12:00	8.2120	04/01/2017 10:00	9.3936	07/01/2017 08:00	9.4883	10/01/2017 06:00	9.3364
01/01/2017 13:00	8.3583	04/01/2017 11:00	9.2661	07/01/2017 09:00	9.6472	10/01/2017 07:00	9.2822
01/01/2017 14:00	8.4898	04/01/2017 12:00	8.7850	07/01/2017 10:00	10.1021	10/01/2017 08:00	9.0736
01/01/2017 15:00	8.5216	04/01/2017 13:00	9.1412	07/01/2017 11:00	10.1508	10/01/2017 09:00	9.0225
01/01/2017 16:00	8.5218	04/01/2017 14:00	9.6263	07/01/2017 12:00	10.1158	10/01/2017 10:00	9.0170
01/01/2017 17:00	8.5697	04/01/2017 15:00	9.6063	07/01/2017 13:00	9.6565	10/01/2017 11:00	9.0424
01/01/2017 18:00	8.5547	04/01/2017 16:00	9.6000	07/01/2017 14:00	9.8946	10/01/2017 12:00	8.9293
01/01/2017 19:00	8.5982	04/01/2017 17:00	9.5823	07/01/2017 15:00	9.9907	10/01/2017 13:00	9.1307
01/01/2017 20:00	8.4938	04/01/2017 18:00	9.5022	07/01/2017 16:00	9.7241	10/01/2017 14:00	9.0527
01/01/2017 21:00	8.4599	04/01/2017 19:00	9.3626	07/01/2017 17:00	9.6754	10/01/2017 15:00	9.0237
01/01/2017 22:00	8.4091	04/01/2017 20:00	9.3678	07/01/2017 18:00	9.5200	10/01/2017 16:00	9.2475
01/01/2017 23:00	8.4706	04/01/2017 21:00	8.8497	07/01/2017 19:00	9.0808	10/01/2017 17:00	9.2042
02/01/2017 00:00	8.4778	04/01/2017 22:00	8.7011	07/01/2017 20:00	9.0352	10/01/2017 18:00	9.1128
02/01/2017 01:00	8.5727	04/01/2017 23:00	8.5608	07/01/2017 21:00	8.9823	10/01/2017 19:00	9.3296
02/01/2017 02:00	8.5977	05/01/2017 00:00	8.3560	07/01/2017 22:00	8.8493	10/01/2017 20:00	9.4433
02/01/2017 03:00	8.6032	05/01/2017 01:00	9.9014	07/01/2017 23:00	8.9510	10/01/2017 21:00	9.4685
02/01/2017 04:00	8.5552	05/01/2017 02:00	9.6626	08/01/2017 00:00	8.8819	10/01/2017 22:00	9.4677
02/01/2017 05:00	8.5346	05/01/2017 03:00	8.7197	08/01/2017 01:00	8.9520	10/01/2017 23:00	9.3894
02/01/2017 06:00	8.4988	05/01/2017 04:00	8.7339	08/01/2017 02:00	9.0528	11/01/2017 00:00	9.3112
02/01/2017 07:00	8.4698	05/01/2017 05:00	9.0342	08/01/2017 03:00	8.9355	11/01/2017 01:00	9.3490
02/01/2017 08:00	8.4579	05/01/2017 06:00	9.1403	08/01/2017 04:00	8.9609	11/01/2017 02:00	9.4825
02/01/2017 09:00	8.4399	05/01/2017 07:00	9.5001	08/01/2017 05:00	9.0721	11/01/2017 03:00	9.4480
02/01/2017 10:00	8.0508	05/01/2017 08:00	9.4706	08/01/2017 06:00	8.7426	11/01/2017 04:00	9.4544
02/01/2017 11:00	7.5709	05/01/2017 09:00	9.3539	08/01/2017 07:00	8.7559	11/01/2017 05:00	9.5042
02/01/2017 12:00	7.9094	05/01/2017 10:00	8.7894	08/01/2017 08:00	8.9387	11/01/2017 06:00	9.5003
02/01/2017 13:00	8.3719	05/01/2017 11:00	8.5743	08/01/2017 09:00	8.8882	11/01/2017 07:00	9.6053
02/01/2017 14:00	9.2154	05/01/2017 12:00	8.5592	08/01/2017 10:00	8.8783	11/01/2017 08:00	9.4897
02/01/2017 15:00	9.2888	05/01/2017 13:00	8.5488	08/01/2017 11:00	8.9203	11/01/2017 09:00	9.4593
02/01/2017 16:00	9.1316	05/01/2017 14:00	8.5023	08/01/2017 12:00	8.9399	11/01/2017 10:00	9.3483
02/01/2017 17:00	9.0664	05/01/2017 15:00	8.5796	08/01/2017 13:00	8.8972	11/01/2017 11:00	9.5306
02/01/2017 18:00	9.0844	05/01/2017 16:00	8.4768	08/01/2017 14:00	8.8612	11/01/2017 12:00	9.5734
02/01/2017 19:00	8.9589	05/01/2017 17:00	8.3710	08/01/2017 15:00	8.6454	11/01/2017 13:00	9.8028
02/01/2017 20:00	9.0381	05/01/2017 18:00	8.3474	08/01/2017 16:00	8.5482	11/01/2017 14:00	9.3737
02/01/2017 21:00	9.0069	05/01/2017 19:00	8.7270	08/01/2017 17:00	8.6369	11/01/2017 15:00	9.1026
02/01/2017 22:00	9.1332	05/01/2017 20:00	8.8867	08/01/2017 18:00	8.4628	11/01/2017 16:00	8.9321
02/01/2017 23:00	9.1466	05/01/2017 21:00	8.8756	08/01/2017 19:00	8.4862	11/01/2017 17:00	9.0042
03/01/2017 00:00	9.1850	05/01/2017 22:00	8.8689	08/01/2017 20:00	8.5309	11/01/2017 18:00	9.1649
03/01/2017 01:00	9.1894	05/01/2017 23:00	8.8856	08/01/2017 21:00	8.4806	11/01/2017 19:00	9.4227
03/01/2017 02:00	9.1993	06/01/2017 00:00	8.8640	08/01/2017 22:00	8.7630	11/01/2017 20:00	9.2248
03/01/2017 03:00	9.1544	06/01/2017 01:00	8.8409	08/01/2017 23:00	8.5953	11/01/2017 21:00	9.4406
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03/01/2017 07:00	9.2711	06/01/2017 05:00	9.0420	09/01/2017 03:00	8.2290	12/01/2017 01:00	9.8267
03/01/2017 08:00	9.2153	06/01/2017 06:00	8.7574	09/01/2017 04:00	8.5313	12/01/2017 02:00	9.6123
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03/01/2017 11:00	9.0596	06/01/2017 09:00	8.8682	09/01/2017 07:00	8.5636	12/01/2017 05:00	9.4981
03/01/2017 12:00	9.0461	06/01/2017 10:00	8.9462	09/01/2017 08:00	8.4938	12/01/2017 06:00	9.4268
03/01/2017 13:00	8.9054	06/01/2017 11:00	8.9636	09/01/2017 09:00	8.0143	12/01/2017 07:00	9.4760
03/01/2017 14:00	8.9507	06/01/2017 12:00	8.9411	09/01/2017 10:00	8.0937	12/01/2017 08:00	9.6227
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03/01/2017 16:00	8.9345	06/01/2017 14:00	8.7787	09/01/2017 12:00	8.3055	12/01/2017 10:00	9.7525
03/01/2017 17:00	9.0358	06/01/2017 15:00	8.8456	09/01/2017 13:00	8.4018	12/01/2017 11:00	9.6467
03/01/2017 18:00	9.1861	06/01/2017 16:00	9.0419	09/01/2017 14:00	8.0070	12/01/2017 12:00	9.8584
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03/01/2017 21:00	9.1327	06/01/2017 19:00	9.4352	09/01/2017 17:00	8.3299	12/01/2017 15:00	9.8962
03/01/2017 22:00	9.2990	06/01/2017 20:00	9.6576	09/01/2017 18:00	8.2923	12/01/2017 16:00	9.5606
03/01/2017 23:00	9.2638	06/01/2017 21:00	9.6827	09/01/2017 19:00	8.5446	12/01/2017 17:00	9.4241
04/01/2017 00:00	9.3744	06/01/2017 22:00	9.7878	09/01/2017 20:00	8.5754	12/01/2017 18:00	9.1546
04/01/2017 01:00	9.4012	06/01/2017 23:00	9.7371	09/01/2017 21:00	9.0530	12/01/2017 19:00	9.0843
04/01/2017 02:00	9.4044	07/01/2017 00:00	9.7582	09/01/2017 22:00	9.4068	12/01/2017 20:00	8.8573
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04/01/2017 05:00	8.8816	07/01/2017 03:00	9.5083	10/01/2017 01:00	9.6196	12/01/2017 23:00	9.2731
04/01/2017 06:00	8.5816	07/01/2017 04:00	9.3218	10/01/2017 02:00	9.5139	13/01/2017 00:00	9.2583

Fecha y Hora	N_2	Fecha y Hora	N_2	Fecha y Hora	N_2	Fecha y Hora	N_2
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13/01/2017 02:00	9.495056152	16/01/2017 03:00	8.653513908	19/01/2017 04:00	9.330277443	22/01/2017 05:00	9.218762398
13/01/2017 03:00	9.702700615	16/01/2017 04:00	8.696395874	19/01/2017 05:00	9.245046616	22/01/2017 06:00	9.214348793
13/01/2017 04:00	9.477059364	16/01/2017 05:00	8.647649765	19/01/2017 06:00	9.306108475	22/01/2017 07:00	9.226865768
13/01/2017 05:00	9.366217613	16/01/2017 06:00	8.594823837	19/01/2017 07:00	9.279532433	22/01/2017 08:00	9.165130615
13/01/2017 06:00	9.414620399	16/01/2017 07:00	8.493124962	19/01/2017 08:00	9.262119293	22/01/2017 09:00	9.210442543
13/01/2017 07:00	9.517586708	16/01/2017 08:00	8.673798561	19/01/2017 09:00	9.285738945	22/01/2017 10:00	9.266329765
13/01/2017 08:00	9.428887367	16/01/2017 09:00	8.893075943	19/01/2017 10:00	9.358938217	22/01/2017 11:00	9.253768921
13/01/2017 09:00	9.234719276	16/01/2017 10:00	8.848730087	19/01/2017 11:00	9.575069427	22/01/2017 12:00	9.315093994
13/01/2017 10:00	9.279294014	16/01/2017 11:00	8.790887833	19/01/2017 12:00	9.616861343	22/01/2017 13:00	9.160005569
13/01/2017 11:00	9.280283928	16/01/2017 12:00	8.883764267	19/01/2017 13:00	9.384045601	22/01/2017 14:00	9.182878494
13/01/2017 12:00	9.22399044	16/01/2017 13:00	8.8701334	19/01/2017 14:00	9.192443848	22/01/2017 15:00	9.10115242
13/01/2017 13:00	9.094942093	16/01/2017 14:00	8.905447006	19/01/2017 15:00	9.059134483	22/01/2017 16:00	8.98244381
13/01/2017 14:00	9.178829193	16/01/2017 15:00	8.897525787	19/01/2017 16:00	9.091503143	22/01/2017 17:00	9.019127846
13/01/2017 15:00	9.10734272	16/01/2017 16:00	8.902292252	19/01/2017 17:00	9.070226669	22/01/2017 18:00	9.009364128
13/01/2017 16:00	9.275865555	16/01/2017 17:00	8.903769493	19/01/2017 18:00	9.027414322	22/01/2017 19:00	9.159215927
13/01/2017 17:00	9.239902496	16/01/2017 18:00	8.93392086	19/01/2017 19:00	8.965662956	22/01/2017 20:00	9.243056297
13/01/2017 18:00	9.219512939	16/01/2017 19:00	8.947706223	19/01/2017 20:00	8.940048218	22/01/2017 21:00	9.26289463
13/01/2017 19:00	9.327517509	16/01/2017 20:00	8.946899414	19/01/2017 21:00	8.69874382	22/01/2017 22:00	9.032783508
13/01/2017 20:00	9.288911819	16/01/2017 21:00	8.940378189	19/01/2017 22:00	8.745702744	22/01/2017 23:00	8.594918251
13/01/2017 21:00	9.307398796	16/01/2017 22:00	8.927348137	19/01/2017 23:00	8.956738472	23/01/2017 00:00	8.751586914
13/01/2017 22:00	9.448685646	16/01/2017 23:00	8.921941757	20/01/2017 00:00	9.238087654	23/01/2017 01:00	8.88584137
13/01/2017 23:00	9.418863297	17/01/2017 00:00	8.852033615	20/01/2017 01:00	9.178108215	23/01/2017 02:00	9.06908226
14/01/2017 00:00	9.360773087	17/01/2017 01:00	8.93140316	20/01/2017 02:00	9.070798874	23/01/2017 03:00	9.081531525
14/01/2017 01:00	9.320356369	17/01/2017 02:00	9.036463737	20/01/2017 03:00	9.146357536	23/01/2017 04:00	9.036133766
14/01/2017 02:00	9.148291588	17/01/2017 03:00	9.0791502	20/01/2017 04:00	9.139510155	23/01/2017 05:00	9.125863075
14/01/2017 03:00	9.065319061	17/01/2017 04:00	9.038107872	20/01/2017 05:00	9.158808708	23/01/2017 06:00	9.25002861
14/01/2017 04:00	9.041273117	17/01/2017 05:00	9.022182465	20/01/2017 06:00	9.026451111	23/01/2017 07:00	9.168035507
14/01/2017 05:00	9.136924744	17/01/2017 06:00	9.046836853	20/01/2017 07:00	9.058927536	23/01/2017 08:00	9.295969009
14/01/2017 06:00	9.137818336	17/01/2017 07:00	9.146822929	20/01/2017 08:00	9.312303543	23/01/2017 09:00	9.288823128
14/01/2017 07:00	9.156007767	17/01/2017 08:00	8.96508503	20/01/2017 09:00	9.352021217	23/01/2017 10:00	9.309358597
14/01/2017 08:00	9.193225861	17/01/2017 09:00	8.681386948	20/01/2017 10:00	9.338776588	23/01/2017 11:00	9.196511269
14/01/2017 09:00	9.190716743	17/01/2017 10:00	8.754137993	20/01/2017 11:00	9.265522957	23/01/2017 12:00	9.143946648
14/01/2017 10:00	9.216328621	17/01/2017 11:00	8.697823524	20/01/2017 12:00	9.172711372	23/01/2017 13:00	9.145645142
14/01/2017 11:00	9.166044235	17/01/2017 12:00	8.641282082	20/01/2017 13:00	9.182590485	23/01/2017 14:00	9.272965431
14/01/2017 12:00	9.156064034	17/01/2017 13:00	8.579504013	20/01/2017 14:00	8.722694397	23/01/2017 15:00	9.279517174
14/01/2017 13:00	9.148937225	17/01/2017 14:00	8.639338493	20/01/2017 15:00	8.40241909	23/01/2017 16:00	9.435447693
14/01/2017 14:00	9.166819572	17/01/2017 15:00	8.261124611	20/01/2017 16:00	8.234822273	23/01/2017 17:00	9.406744957
14/01/2017 15:00	9.041358948	17/01/2017 16:00	8.342503548	20/01/2017 17:00	8.358994484	23/01/2017 18:00	9.362598419
14/01/2017 16:00	8.891908646	17/01/2017 17:00	8.674871445	20/01/2017 18:00	8.496300697	23/01/2017 19:00	9.24213028
14/01/2017 17:00	8.760570526	17/01/2017 18:00	8.909955978	20/01/2017 19:00	8.510122299	23/01/2017 20:00	9.381519318
14/01/2017 18:00	8.635897636	17/01/2017 19:00	9.518000603	20/01/2017 20:00	8.888157845	23/01/2017 21:00	9.380767822
14/01/2017 19:00	8.820632935	17/01/2017 20:00	9.210318565	20/01/2017 21:00	9.255304337	23/01/2017 22:00	9.376763344
14/01/2017 20:00	8.964193344	17/01/2017 21:00	8.823791504	20/01/2017 22:00	9.49739933	23/01/2017 23:00	9.349061966
14/01/2017 21:00	8.952846527	17/01/2017 22:00	9.164317131	20/01/2017 23:00	9.458598137	24/01/2017 00:00	9.395944595
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