

## Product especifications NATURAL GAS

Characteristics (*)	UNITS	MINIMUM	MAXIMUM
Wobbe index	kWh/m³	13,403	16,058
PCS	kWh/m³	10,26	13,26
Relative density		0,555	0,700
Total S	mg/m³		50
H2S + COS (as S)	mg/m³		15
RSH (as S)	mg/m³		17
O2	mol%		0,01
CO2	mol%		2,5
H2O (Punto de rocío)	°C at 70 bar (a)		+2
HC (Punto de rocío)	°C at 1-70 bar (a)		+5
Dust / Particles		Technically pure	

(\*) According to the Resolution of December 21, 2012, which modifies the detailed protocol PD-01 of "Gas Measurement, Quality and Odorization" of the System Technical Management Standards.

Tables expressed in the following reference conditions: [0 °C; V (0 °C: 1.01325 bar)].

Capacities are expressed under the following reference conditions: [PCS at 0 °C; V (0 °C, 1.01325 bar)] According to annex J of ISO 6976, the factor to apply to convert the PCS from 0 °C to 25 °C will be 1/1.0026.

The capacities are expressed. In the case of biogas, injection into the network with an O2 content of up to 0.3 mol% will be accepted provided that the following circumstances simultaneously occur at the injection point:

- 1. The CO2 content must not exceed 2 mol% at any time..
- 2. The dew point of water must not exceed minus eight degrees Celsius (-8°C) at any time.
- 3. The biogas injection volume in the main transport network will never exceed 5,000 m3/h

(under reference conditions). For larger volumes and in any case for the rest of the entry points to the Gas System, the maximum volume of biogas injection will be determined for each specific case based on the quality and volume of the gas transported from the network to which it is connected. is connected, by the owner of the same, and will be communicated to the General Directorate of Energy Policy and Mines, the GTS and the National Energy Commission.

ENAGÁS HAS OBTAINED THE QUALITY MANAGEMENT SYSTEM CERTIFICATE IN ACCORDANCE WITH THE UNE-EN ISO 9001:2000 STANDARD IN ITS MEASUREMENT PROCESS