

LIQUIGAS

Da sempre l'energia di domani

**Comune di
Comano Terme
(TN)**

**Proposta di
realizzazione
della rete
comunale di
distribuzione di
Gas Naturale
Liquefatto
(GNL).**

**A.4 scheda
tecnica GNL**

22/12/2016

LIQUIGAS S.p.A.
Amministratore Delegato
(Andrea Arzà)



TRANSPARENCY

GAS CHARACTERISTICS

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Contact

Characteristics of our terminals

Main characteristics of our terminals

Our industrial facilities

Services description

LNG quality

How to become client?

Capacities

Tariff

Legal documentation

Operational data

Miscellaneous

The LNG unloaded by the Shipper must comply with the following specifications:

Parameter	Unit	Min	Max
GCV	kWh/Nm ³	10.70	12.75
Wobbe Index	kWh/Nm ³	13.40	15.65
RSH (as S)	mg S/Nm ³		6
COS+H ₂ S (as S)	mg S/Nm ³		5
Total S	mg/Nm ³		30
Hg	ng/Nm ³		50
O ₂	ppmv		100
Impurities	Gas that can be received without undergoing additional treatment on entering the Terminal		

These specifications may change depending on any evolution of the specifications on the network.

Requirements for physical and chemical characteristics

The characteristics of the gas leaving LNG terminal facilities to enter the natural gas pipeline networks must always comply with the latest gas regulations.

The regulatory requirements of 18 October 2004 are:

- Gross Calorific Value [GCV] (combustion conditions: 0°C and 1.01325 bar) => 10.7 to 12.8 kWh/Nm³ (combustion 25°C: 10.67 to 12.77) (1)
- Water dew point below -5°C at maximum network service pressure (2)

Sulphur and H₂S content

Snapshot H₂S content must be less than 15 mg/Nm³ (exceeding 12 mg/Nm³ for no more than 8 hours).

Average H₂S content over 8 days must be under 7 mg/Nm³.

Total sulphur content must be under 150 mg/ Nm³.

(1) "H type" gas: high GCV gas.

(2) Converting water dew point into water content and vice-versa is carried out in compliance with ISO 18 453 "Natural gas – Correlation between water content and water dew point." (Gergwater correlation).

For further information, please refer to article 12 of the General Terms and Conditions of the LNG Terminal Access Contract.

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