

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**  
*Da sempre l'energia di domani*

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



## TRANSPARENCY

## GAS CHARACTERISTICS

A- A A+

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

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

Characteristics of our terminals

GCV

kWh/Nm<sup>3</sup>

10.70

12.75

Main characteristics of our terminals

Wobbe Index

kWh/Nm<sup>3</sup>

13.40

15.65

Our industrial facilities

RSH (as S)

mg S/Nm<sup>3</sup>

Services description

COS+H<sub>2</sub>S (as S)

mg S/Nm<sup>3</sup>

LNG quality

Total S

mg/Nm<sup>3</sup>

How to become client?

Hg

ng/Nm<sup>3</sup>

Capacities

O<sub>2</sub>

ppmv

Tariff

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

Legal documentation

**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.

Operational data

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/Nm<sup>3</sup> (combustion 25°C: 10.67 to 12.77) (1)
- Water dew point below -5°C at maximum network service pressure (2)

Miscellaneous

**Sulphur and H<sub>2</sub>S content**

Snapshot H<sub>2</sub>S content must be less than 15 mg/Nm<sup>3</sup> (exceeding 12 mg/Nm<sup>3</sup> for no more than 8 hours).

Average H<sub>2</sub>S content over 8 days must be under 7 mg/Nm<sup>3</sup>.

Total sulphur content must be under 150 mg/ Nm<sup>3</sup>.

(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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