

Annex 1

LNG QUALITY SPECIFICATIONS

Reference standards based on ISO 6976 for calorific values combustion 25° metering 0°.

Property		LNG Specifications	Unit
Gross calorific value	Min.	39,5	MJ/m3(n)
	Max.	47,0	MJ/m3(n)
Net calorific value	Min.	35,60	MJ/m3(n)
	Max.	42,9	MJ/m3(n)
Wobbe Index (GCV)	Min.	53,0	MJ/m3(n)
	Max.	58,3	MJ/m3(n)
LNG density at atmospheric equilibrium pressure, i.e. 1013.25 mbar absolute	Min.	420	kg/m3
	Max.	465	kg/m3
Methane	Min.	80	mol-%
Ethane	Max.	9	mol-%
Propane	Max.	3	mol-%
n-butane + i-butane	Max.	1	mol-%
n-pentane + i-pentane	Max.	0,03	mol-%
Hexane	Max.	0,0015	mol-%
Nitrogen	Max.	0,75	mol-%
Carbon dioxide	Max.	0,01	mol-%
Total Sulphur	Max.	7,3	mg/m3(n)