

LNG GAS QUALITY SPECIFICATION (Quality on Loading)					
Property	Test Method	Units	Min	Typical	Max
Gross Calorific Value -GCV (on a dry basis)	ISO 6976/95	MJ/m ³ (st)	39.9		42.7
Wobbe Index (on a dry basis)	ISO 6976/95	MJ/m ³ (st)	51.9		53.3
Hydrocarbon dew point (at a pressure between 19 and 72 barg)	ISO 6327/81	Deg C			minus 5
Hydrocarbon dew point (at a pressure between 15 and 19 barg)	ISO 6327/81	Deg C			minus 20
Composition:					
Methane (C1)	ISO 6974 part V (2 columns) Backup Vaporiser to be as per ISO 8943/91	Mol %	88		96
Ethane (C2)		Mol %			9
Propane (C3)		Mol %			4
Iso-butane (iC4)		Mol %			1
Normal butane (nC4)		Mol %			1.5
Pentanes plus (C5+)		Mol %			0.1
Propane and heavier hydrocarbon elements (C3+)		Mol %			5.3
Nitrogen (N ₂)	ISO 6974 Part 5 - 2000	Mol %			0.5
Impurities:					
Carbon dioxide	ISO 6974 Part 5 - 2000	Mol %			0.1
Hydrogen sulphide	ISO 6326/4 - 94	mg/m ³ (st)			5
Mercaptan sulphur	ISO 6326/4 - 94	mg/m ³ (st)			2.3
Carbonyl sulphide plus Hydrogen sulphide	ISO 6326/4 - 94	mg/m ³ (st)			5
Total sulphur	ISO 6326/4 - 94	mg/m ³ (st)			30
Mercury	ISO 6978 Method B	ng/m ³ (st)			50
Standard Condition:					
Pressure	1.01325 kPa				
Temperature	15°C				