

Annex 5 Gas Quality Specification (valid for delivery from Romania to Hungary and for delivery from Hungary to Romania)

Chemical composition (in mol percent)

| | | |
|-----------------------------------|---------|------|
| Methane (C ₁) | minimum | 85.0 |
| Ethane (C ₂) | maximum | 10.0 |
| Propane (C ₃) | maximum | 3.5 |
| Butane (C ₄) | maximum | 1.5 |
| Pentane (C ₅) | maximum | 0.5 |
| Hexane (C ₆₊) | maximum | 0.2 |
| Nitrogen (N ₂) | maximum | 10.0 |
| Carbon dioxide (CO ₂) | maximum | 8.0 |
| Oxygen (O ₂) | maximum | 0.02 |

Sulphur content

| | | |
|--------------------------------------|---------|-----------------------------|
| Hydrogen sulphide (H ₂ S) | maximum | 6.8 mg/m ³ (n) |
| Mercaptan sulphur (RSH) | maximum | 8.0 mg/m ³ (n) |
| Total sulphur | maximum | 100.0 mg/m ³ (n) |

Gross Calorific value

| | |
|---------|------------------------------|
| minimum | 10.14 kWh/m ³ (n) |
| maximum | 12.79 kWh/m ³ (n) |

Hydrocarbon dew point

No hydrocarbons shall condensate at a temperature of zero degrees Celsius (0°C) at a pressure (27.0) bar absolute.

Water dew point

Not higher than minus 8 degrees Celsius (-8°C) at a pressure of 41.0 bar absolute.

Impurities

Content of mechanic impurity: maximum 0.05 g/m³(s)

Temperature

| | |
|---------|-----------|
| maximum | plus 50°C |
|---------|-----------|