

## Natural gas specification

The following is for indicative information only. The applicable specification is included in each gas transportation agreement, connection agreement or other agreement between Queensland Gas Pipeline and its counterparties.

Item	Specification	Test method
Minimum Temperature	10°C	
Maximum Temperature	50°C	
Wobbe Index	Minimum 47.0 Maximum 52.0	ISO 6976; or ASTM D3588
Oxygen	Maximum 0.2% by volume	ISO 6974 and ISO 6975; or ASTM D1945
Total Inerts	Maximum 6% by volume	ISO 6974 and ISO 6975; or ASTM D1945
Hydrocarbon Dew Point	Maximum 10°C At pressures between 1,000 kPag and 10,000 kPag	
Water Content	Maximum 65 mg/m <sup>3</sup>	ASTM D1142
Hydrogen Sulphide	Maximum 7 mg/m <sup>3</sup>	ISO 6326
Total Sulphur	Maximum 50 mg/m <sup>3</sup>	ASTM D1072
Mercaptan	Maximum 15 mg/m <sup>3</sup>	
Carbon Dioxide	Maximum 3% by volume	
Water Vapour	Maximum 65 mg/m <sup>3</sup>	

### Notes

- All values measured or specified at 15°C and 101.325 kPa gauge unless otherwise stated.
- Wobbe Index means the Higher Heating Value divided by the square root of the relative density of the gas, both measured at the same time.
- For the purposes of this Queensland Gas Pipeline natural gas specification, carbon dioxide is an inert gas.
- Gas received must be commercially free from objectionable substances that may damage Pipeline, Regulators, meters or other appliances, or that can adversely affect or interfere with the transmission of gas through Pipelines or the commercial use of the gas by the Shipper. Without limiting this, dust, gums, gum-forming constituents, crude oil, hydrocarbons liquefiable at temperatures in excess of 0°C and at pressures not exceeding 1.5 times the maximum pressure employed in the Pipeline and other impurities are objectionable substances.