



This document is according to **Section 20 Technical requirements** of our General Terms & Conditions (entry/exit system) part of the contract.

## Gas Specification

Gas injected and taken out at entry and exit points of the MEGAL pipeline system shall comply with DVGW data sheet G 260, 2<sup>nd</sup> gas family, in force. The Gas fed into the Pipeline System at Waidhaus and Oberkappel shall comply with the following specifications:

- a) Gross caloric value shall be min. 10.700 kWh/m<sup>3</sup> and max. 12.800 kWh/m<sup>3</sup>.
- b) Wobbe-Index shall be min. 13.400 kWh/m<sup>3</sup> and max. 15.700 kWh/m<sup>3</sup>.
- c) The following contents shall not be exceed:
  - The oxygen (O<sub>2</sub>) content shall not exceed 0.5 % by volume.
  - The carbon dioxide (CO<sub>2</sub>) content shall not exceed 3 % by volume.
- d) The carbon content per volume
  - a. C<sub>1</sub> above 81 %
  - b. C<sub>2</sub> below 10.5 %
  - c. C<sub>3</sub> below 4.2 %
  - d. C<sub>4</sub> below 2 %
  - e. C<sub>5+</sub> below 1 %
- e) The hydrogen sulphide (H<sub>2</sub>S) content shall not exceed 5 mg/m<sup>3</sup>.
- f) The mercaptan sulphur (RSH) content shall not exceed 6 mg/m<sup>3</sup>; a short-time limit of 16 mg/m<sup>3</sup> shall be admissible.
- g) The total sulphur (S) content shall not exceed 30 mg/m<sup>3</sup>; a short-time limit of 150 mg/m<sup>3</sup> shall be admissible.
- h) The gas shall have a dew point for water not exceeding –8 °C at pressure of 40.2 bar (absolute).
- i) The gas shall have a dew point for hydrocarbons not exceeding 0 °C in a pressure range between 1 and 81 bar (absolute).