

# DIN EN 16723-1:2017-01 (E)

Natural gas and biomethane for use in transport and biomethane for injection in the natural gas network - Part 1: Specifications for biomethane for injection in the natural gas network

---

| <b>Contents</b>   | <b>Page</b> |
|---|-------------|
| European foreword.....  | 3           |
| Introduction .....  | 4           |
| 1 Scope.....  | 6           |
| 2 Normative references.....   | 6           |
| 3 Terms and definitions .....   | 6           |
| 4 Parameters and test methods.....  | 8           |
| 4.1 General.....  | 8           |
| 4.2 Standard reference conditions.....  | 8           |
| 4.3 Applicable requirements and test methods for biomethane for injection in the natural gas network..... | 8           |
| 5 Sampling.....   | 10          |
| Annex A (informative) Parameters.....   | 11          |
| A.1 Total silicon.....  | 11          |
| A.2 Hydrogen.....   | 11          |
| A.3 Compressor oil, dust impurities and biogenic materials .....  | 11          |
| A.4 Water and hydrocarbon dew point temperature.....  | 12          |
| Annex B (informative) Odorization and sulfur.....   | 13          |
| B.1 CEN/TC 408 approach .....   | 13          |
| B.2 General.....  | 13          |
| B.3 Total sulfur from Odorants.....   | 13          |
| Annex C (informative) Examples of different compliance schemes.....                                       | 14          |
| C.1 General.....  | 14          |
| C.2 General prescriptions.....  | 14          |
| C.2.1 Permit conditions.....  | 14          |
| C.2.2 Upgrading plants .....  | 14          |
| C.2.3 Control and monitoring .....  | 14          |
| C.2.4 Measurement.....  | 15          |
| C.2.5 Risk assessment.....  | 15          |
| C.3 Common practices .....  | 15          |
| Annex D (informative) A-deviations.....   | 18          |
| Bibliography.....   | 19          |