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

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

Contents

Page

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