

DIN EN ISO 2613-2:2024-04 (E)

Analysis of natural gas - Silicon content of biomethane - Part 2: Determination of siloxane content by gas chromatography ion mobility spectrometry (ISO 2613-2:2023)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	7
4 Principle	7
5 Materials	8
5.1 Calibration gases.....	8
5.2 Diluent gas.....	8
5.3 Carrier and drift gas.....	8
6 Apparatus	8
7 Sampling	9
7.1 General.....	9
7.2 Safety precautions.....	9
7.3 Temperature control.....	9
7.4 Construction materials.....	9
7.5 Cleanness.....	10
7.6 Sampling of biomethane into vessels.....	10
7.7 Installation of the calibration gas cylinder.....	10
7.8 Pressure control.....	10
7.9 Purging of wetted flow path.....	10
7.10 Flow control.....	11
7.11 Diffusion control.....	11
8 Calibration	11
8.1 Calibration procedure.....	11
8.2 Frequency of calibration.....	11
9 Measurement procedure	11
9.1 Safety precautions.....	11
9.2 Analysis.....	11
10 Expression of results	12
10.1 Quantities and units.....	12
10.2 Uncertainty.....	12
10.3 Test report.....	12
Annex A (informative) Example of application	13
Bibliography	14