

# DIN EN ISO 25139:2011-08 (E)

## Stationary source emissions - Manual method for the determination of the methane concentration using gas chromatography (ISO 251 39:2011)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Symbols and abbreviated terms .....	6
5	Principle .....	7
6	Equipment .....	8
6.1	Sampling system .....	8
6.2	Analytical apparatus .....	10
7	Measurement procedure .....	10
7.1	General .....	10
7.2	Sampling .....	10
7.3	Analytical determination .....	12
7.4	Interferents .....	12
8	Calculation of the results .....	12
9	Quality assurance and quality control procedures .....	14
9.1	General .....	14
9.2	Criteria and frequency of checks .....	14
9.3	Performing the checks .....	15
9.4	Check of the measurement system .....	16
10	Performance characteristics .....	16
11	Test report .....	16
Annex A (normative) Operational gases .....		17
Annex B (normative) Quality assurance and quality control procedures .....		18
Annex C (informative) Typical performance characteristics .....		20
Bibliography .....		22