



NSAI
Standards

Irish Standard
I.S. EN ISO 25139:2011

Stationary source emissions - Manual method for the determination of the methane concentration using gas chromatography (ISO 25139:2011)

I.S. EN ISO 25139:2011

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English Version

**Stationary source emissions - Manual method for the
determination of the methane concentration using gas
chromatography (ISO 25139:2011)**

Émissions de sources fixes - Méthode manuelle pour la
détermination de la concentration en méthane par
chromatographie en phase gazeuse (ISO 25139:2011)

Emissionen aus stationären Quellen - Manuelles Verfahren
zur Bestimmung der Methan-Konzentration mit
Gaschromatographie (ISO 25139:2011)

This European Standard was approved by CEN on 14 April 2011.

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Foreword

This document (EN ISO 25139:2011) has been prepared by Technical Committee ISO/TC 146 "Air quality" in collaboration with Technical Committee CEN/TC 264 "Air quality" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 25139:2011 has been approved by CEN as a EN ISO 25139:2011 without any modification.

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**INTERNATIONAL
STANDARD**

**ISO
25139**

First edition
2011-04-15

**Stationary source emissions — Manual
method for the determination of the
methane concentration using gas
chromatography**

*Émissions de sources fixes — Méthode manuelle pour la détermination
de la concentration en méthane par chromatographie en phase
gazeuse*



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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ISO 25139 was prepared by Technical Committee ISO/TC 146, *Air quality*, Subcommittee SC 1, *Stationary source emissions*.

Introduction

Methane (CH₄) is a gas of relevance to the climate (“greenhouse gas”) and contributes directly to the atmospheric greenhouse effect. The emissions of methane originate from natural sources and those due to human activity. Significant sources are, for example, cattle breeding, cultivation of rice, extraction and transport of natural gas, and landfills. Other important sources contributing to emissions of methane are, for example, composting plants, the use of biogas and natural gas, and biomass firings. This International Standard specifies a method of measurement for the determination of methane emissions from stationary sources.

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