

Irish Standard I.S. EN ISO 25140:2010

Stationary source emissions - Automatic method for the determination of the methane concentration using flame ionisation detection (FID) (ISO 25140:2010)

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1 Swift Square, T +353 1 807 3800 T +353 1 857 6730 Northwood, Santry F +353 1 807 3838 F +353 1 857 6729 E standards@nsai.ie W standards.ie Dublin 9

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English Version

Stationary source emissions - Automatic method for the determination of the methane concentration using flame ionisation detection (FID) (ISO 25140:2010)

Émissions de sources fixes - Méthode automatique pour la détermination de la concentration en méthane par détection à ionisation de flamme (FID) (ISO 25140:2010)

Emissionen aus stationären Quellen - Automatisches Verfahren zur Bestimmung der Methan-Konzentration mit dem Flammenionisationsdetektor (FID) (ISO 25140:2010)

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Management Centre: Avenue Marnix 17, B-1000 Brussels

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EN ISO 25140:2010 (E)

Foreword

This document (EN ISO 25140:2010) 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of an identical text or by endorsement, at the latest by February 2011, and conflicting national standards shall be withdrawn at the latest by February 2011.

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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.

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ISO 25140 was prepared by Technical Committee ISO/TC 146, Air quality, Subcommittee SC 1, Stationary source emissions.

ISO 25140:2010(E)

Introduction

Methane (CH_4) 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 and anthropogenic sources. 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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