

SLOVENSKI STANDARD SIST EN ISO 6145-4:2008

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Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 4: Continuous syringe injection method (ISO 6145-4:2004)

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Gasanalyse - Herstellung von Kalibriergasgemischen mit Hilfe von dynamischvolumetrischen Verfahren - Teil 4: Kontinuierliches Spritzen-Injektionsverfahren (ISO 6145-4:2004) SIST EN ISO 6145-4:2008

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Analyse des gaz - Préparation des mélanges de gaz pour étalonnage à l'aide de méthodes volumétriques dynamiques - Partie 4: Méthode continue par seringue d'injection (ISO 6145-4:2004)

Ta slovenski standard je istoveten z: EN ISO 6145-4:2008

ICS:

71.040.40 Kemijska analiza Chemical analysis

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM **EN ISO 6145-4**

August 2008

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English Version

Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 4: Continuous syringe injection method (ISO 6145-4:2004)

Analyse des gaz - Préparation des mélanges de gaz pour étalonnage à l'aide de méthodes volumétriques dynamiques - Partie 4: Méthode continue par seringue d'injection (ISO 6145-4:2004) Gasanalyse - Herstellung von Kalibriergasgemischen mit Hilfe von dynamisch-volumetrischen Verfahren - Teil 4: Kontinuierliches Spritzen-Injektionsverfahren (ISO 6145-4:2004)

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 6145-4:2008 (E)

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EN ISO 6145-4:2008 (E)

Foreword

The text of ISO 6145-4:2004 has been prepared by Technical Committee ISO/TC 158 "Analysis of gases" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6145-4:2008 by Technical Committee CEN/SS N21 "Gaseous fuels and combustible gas" the secretariat of which is held by CMC.

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of an identical text or by endorsement, at the latest by February 2009, and conflicting national standards shall be withdrawn at the latest by February 2009.

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Endorsement notice

The text of ISO 6145-4:2004 has been approved by CEN as a EN ISO 6145-4:2008 without any modification.

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INTERNATIONAL STANDARD

ISO 6145-4

Second edition 2004-06-15

Gas analysis — Preparation of calibration gas mixtures using dynamic volumetric methods —

Part 4:

Continuous syringe injection method

iTeh ST Analyse des gaz — Préparation des mélanges de gaz pour étalonnage à l'aide de méthodes volumétriques dynamiques — (standards.iteh.ai)
Partie 4: Méthode continue par seringue d'injection

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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.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 6145-4 was prepared by Technical Committee ISO/TC 158, Analysis of gases.

This second edition cancels and replaces the first edition (ISO 6145-4:1986), which has been technically revised.

ISO 6145 consists of the following parts, under the general title Gas analysis — Preparation of calibration gas mixtures using dynamic volumetric methods:

- SIST EN ISO 6145-4:2008

 Part 1: Methods of calibration/standards.iteh.ai/catalog/standards/sist/a54f409a-d6ad-45e9-86ae-
- Part 2: Volumetric pumps
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- Part 4: Continuous syringe injection method
- Fart 4. Continuous synnige injection me
- Part 5: Capillary calibration devices
- Part 6: Critical orifices
- Part 7: Thermal mass-flow controllers
- Part 8: Diffusion method
- Part 9: Saturation method
- Part 10: Permeation method
- Part 11: Electrochemical generation

ISO 6145-3, entitled Periodic injections into a flowing gas, has been withdrawn.

Introduction

This part of ISO 6145 is one of a series of standards dealing with various dynamic volumetric methods used for the preparation of calibration gas mixtures.

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