

PAIKSETE SAASTEALLIKATE HEITED
Gaasi mahtkiiruse määramine gaasikäikudes
Automaatmeetod

Stationary source emissions
Determination of the volume flowrate of gas streams in
ducts
Automated method

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

<p>Käesolev Eesti standard EVS-ISO 14164:2006 "Paiksete saasteallikate heited. Gaasi mahtkiiruse määramine gaasikäikudes. Automaatmeetod" sisaldab rahvusvahelise standardi ISO 14164:1999 "Stationary source emissions - Determination of the volume flowrate of gas streams in ducts - Automated method" identset ingliskeelset teksti.</p>	<p>This Estonian Standard EVS-ISO 14164:2006 consists of the identical English text of the International Standard ISO 14164:1999 "Stationary source emissions - Determination of the volume flowrate of gas streams in ducts - Automated method".</p>
<p>Standardi avaldamise korraldas Eesti Standardikeskus.</p>	<p>Estonian standard is published by the Estonian Centre for Standardisation.</p>
<p>Standard EVS-ISO 14164:2006 on kinnitatud Eesti Standardikeskuse 22.12.2006 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teataja 2007. aasta jaanuarikuu numbris.</p>	<p>This standard is ratified with the order of Estonian Centre for Standardisation dated 22.12.2006 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p>
<p>Standard on kättesaadav Eesti Standardikeskusest.</p>	<p>The standard is available from Estonian Centre for Standardisation.</p>

Käsitlusala

Käesolev standard kirjeldab paiksete saasteallikate gaasikäikudes mahtkiiruse mõõtmiseks mõeldud automaatvoolumõõtesüsteemide (AMS-ide) tööpõhimõtteid ja peamisi suutlikkusnäitajaid.

Samuti kirjeldatakse standardis AMS-ide suutlikkusnäitajate määramist.

Suutlikkusnäitajad on üldised ja ei kehti ainult kindla määramispõhimõtte või –süsteemi puhul.

Märkus. Kirjeldatud põhimõttel töötavad ja käesoleva standardi nõuetele vastavad süsteemid on kaubanduslikult kättesaadavad.

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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 3.

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.

International Standard ISO 14164 was prepared by Technical Committee ISO/TC 146, *Air quality*, Subcommittee SC 1, *Stationary source emissions*.

Annex A forms a normative part of this International Standard. Annex B is for information only.

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Stationary source emissions — Determination of the volume flowrate of gas streams in ducts — Automated method

1 Scope

This International Standard describes the operating principles and the most important performance characteristics of automated flow-measuring systems for determining the volume flowrate in the ducts of stationary sources.

Procedures to determine the performance characteristics of automated volume flow-measuring systems are also contained in this International Standard.

The performance characteristics are general and not limited to specific measurement principles or instrument systems.

NOTE Commercial systems which use the operating principles described and meet the requirements of this International Standard are readily available.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 6879:1995, *Air quality — Performance characteristics and related concepts for air quality measuring methods.*

ISO 7935:1992, *Air quality — Stationary source emissions — Determination of mass concentration of sulfur dioxide — Performance characteristics of automated measuring methods.*

ISO 9096:1992, *Stationary source emissions — Determination of concentration and mass flow rate of particulate material in gas-carrying ducts — Manual gravimetric method.*

ISO 9169:1994, *Air quality — Determination of performance characteristics of measurement methods.*

ISO 10155:1995, *Stationary source emissions — Automated monitoring of mass concentrations of particles — Performance characteristics, test methods and specifications.*

ISO 10780:1994, *Air quality — Stationary source emissions — Measurement of velocity and volume rate of flow of gas streams in ducts.*

ISO 10849:1996, *Stationary source emissions — Determination of the mass concentration of nitrogen oxides — Performance characteristics and calibration of automated measuring systems.*

ISO 12039: —¹⁾, *Stationary source emissions — Determination of the volumetric concentration of CO, CO₂ and O₂ — Performance characteristics and calibration of automated measuring systems.*

¹⁾ To be published.