



SLOVENSKI STANDARD

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Air quality - Certification of automated measuring systems - Part 2: Initial assessment of the AMS manufacturer's quality management system and post certification surveillance for the manufacturing process

Luftbeschaffenheit - Zertifizierung von automatischen Messeinrichtungen - Teil 2: Erstmalige Beurteilung des Qualitätsmanagementsystems des Herstellers und Überwachung des Herstellungsprozesses nach der Zertifizierung

Qualité de l'air - Certification des systemes de mesurage automatisés - Partie 2 : Evaluation initiale du systeme de gestion de la qualité des fabricants d'AMS et surveillance apres certification du procédé de fabrication

<https://standards.icta.at/catalog/standards/sist/178c020c-52b1-4eb5-87b0-16971d91f507/sist-en-15267-2-2009>

Ta slovenski standard je istoveten z: prEN 15267-2

ICS:

13.040.99	Drugi standardi v zvezi s kakovostjo zraka	Other standards related to air quality
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en

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English Version

**Air quality - Certification of automated measuring systems - Part
2: Initial assessment of the AMS manufacturer's quality
management system and post certification surveillance for the
manufacturing process**

Qualité de l'air - Certification des systèmes de mesurage
automatisés - Partie 2 : Evaluation initiale du système de
gestion de la qualité des fabricants d'AMS et surveillance
après certification du procédé de fabrication

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 264.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

This document (prEN 15267-2:2007) has been prepared by Technical Committee CEN/TC 264 “Air quality”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document is Part 2 of a series of European Standards:

- EN 15267-1, *Air quality – Certification of automated measuring systems – Part 1: General principles*
- EN 15267-2, *Air quality – Certification of automated measuring systems – Part 2: Initial assessment of the AMS manufacturer’s quality management system and post certification surveillance for the manufacturing process*
- EN 15267-3, *Air quality – Certification of automated measuring systems – Part 3: Performance criteria and test procedures for automated measuring systems for monitoring emissions from stationary sources*
- EN 15267-4, *Air quality – Certification of automated measuring systems – Part 4: Performance specifications and test procedures for automated measuring systems for monitoring ambient air quality*

Introduction

The certification of automated measuring systems (AMS) supports the requirements of certain Directives of the European Union (EU), which require, either directly or indirectly, that AMS comply with performance criteria, maximum permissible measurement uncertainties and testing requirements. These Directives include the Directive on the limitation of emissions of certain pollutants into the air from large combustion plants [1], the Directive on the incineration of waste [2] and the Framework Directive on ambient air quality assessment and management [3] and the associated daughter directives [4], [5], [6].

This standard defines the requirements for:

- the manufacturer’s quality management system;
- the initial assessment of an AMS manufacturer’s production control;
- the continuing surveillance of the effect on performance of certified AMS of subsequent design changes.

The clauses of this standard supplement those of EN ISO 9001:2000. The additional requirements to EN ISO 9001:2000 cover specific provisions that apply to the control of design and manufacturing of AMS.

AMS typically undergo design changes during their design lives and it is essential to ensure that such changes do not change the performance of the AMS such that it no longer meets the required performance criteria.

1 Scope

This European Standard covers the supplementary requirements for an AMS manufacturer's management system to EN ISO 9001:2000, for the control of design and manufacturing of AMS. This European Standard also serves as a reference document for auditing the AMS manufacturer's management system.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 9001:2000, *Quality management systems – Requirements*.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

automated measuring system

AMS

entirety of all measuring instruments and additional devices for obtaining a measurement result

NOTE 1 Apart from the actual measuring device (the analyser), an AMS includes facilities for taking samples (e.g. probe, sample gas lines, flow meters and regulator, delivery pump) and for sample conditioning (e.g. dust filter, pre-separator for interferences, cooler, converter). This definition also includes testing and adjusting devices that are required for functional checks and, if applicable, for commissioning.

NOTE 2 The term "automated measuring system" (AMS) is typically used in Europe. The terms "continuous emission monitoring system" (CEM) and "continuous ambient-air-quality monitoring system" (CAM) are also typically used in the UK and USA.

3.2

relevant body

competent authority or certification body, nominated by a competent authority or EU member state, that carries out the certification of AMS

3.3

competent authority

organisation which implements the requirements of EU Directives and regulate installations, which must comply with the requirements of applicable European Standards

3.4

certification body

accredited body qualified to EN ISO/IEC 17021 for the certification of quality management systems and/or EN 45011 for the certification of products

3.5

manufacturer

organisation, situated at a stated location or locations, that carries out or controls such stages in the manufacture, assessment, handling and storage of a product that enables it to accept responsibility for continued compliance of the product its certification and undertakes all obligations in that connection

NOTE The term manufacturer is used instead of organisation as used in EN ISO 9001:2000. For the purpose of this standard they are interchangeable.