



National Standards Authority of Ireland  
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

**I.S. EN 15267-3:2007**

ICS 13.040.40

**AIR QUALITY - CERTIFICATION OF  
AUTOMATED MEASURING SYSTEMS - PART  
3: PERFORMANCE CRITERIA AND TEST  
PROCEDURES FOR AUTOMATED  
MEASURING SYSTEMS FOR MONITORING  
EMISSIONS FROM STATIONARY SOURCES**

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*This Irish Standard was  
published under the authority  
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Authority of Ireland and  
comes into effect on:  
27 February 2008*

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ICS 13.040.40

English Version

**Air quality - Certification of automated measuring systems - Part  
3: Performance criteria and test procedures for automated  
measuring systems for monitoring emissions from stationary  
sources**

Qualité de l'air - Certification des systèmes de mesurage  
automatisés - Partie 3: Spécifications de performance et  
procédures d'essai pour systèmes de mesurage  
automatisés des émissions de sources fixes

Luftbeschaffenheit - Zertifizierung von automatischen  
Messeinrichtungen - Teil 3: Mindestanforderungen und  
Prüfprozeduren für automatische Messeinrichtungen zur  
Überwachung von Emissionen aus stationären Quellen

This European Standard was approved by CEN on 17 November 2007.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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## Contents

Page

Foreword.....	3
<b>0 Introduction .....</b>	<b>4</b>
<b>1 Scope .....</b>	<b>7</b>
<b>2 Normative references .....</b>	<b>7</b>
<b>3 Terms and definitions .....</b>	<b>7</b>
<b>4 Symbols and abbreviations .....</b>	<b>12</b>
<b>5 General requirements.....</b>	<b>15</b>
<b>6 Performance criteria common to all AMS for laboratory testing.....</b>	<b>17</b>
<b>7 Performance criteria common to all AMS for field testing .....</b>	<b>20</b>
<b>8 Performance criteria specific to measured components .....</b>	<b>22</b>
<b>9 General test requirements .....</b>	<b>27</b>
<b>10 Test procedures for laboratory tests .....</b>	<b>28</b>
<b>11 Requirements for the field test.....</b>	<b>42</b>
<b>12 Test procedures common to all AMS for field tests.....</b>	<b>43</b>
<b>13 Test procedures for particulate AMS.....</b>	<b>48</b>
<b>14 Measurement uncertainty .....</b>	<b>48</b>
<b>15 Test report .....</b>	<b>49</b>
<b>Annex A (informative) Standard reference methods .....</b>	<b>50</b>
<b>Annex B (normative) Interferents .....</b>	<b>51</b>
<b>Annex C (normative) Test of linearity .....</b>	<b>52</b>
<b>Annex D (normative) Determination of the total uncertainty.....</b>	<b>54</b>
<b>Annex E (informative) Elements of performance testing report.....</b>	<b>60</b>
<b>Bibliography .....</b>	<b>62</b>

## Foreword

This document (EN 15267-3:2007) has been prepared by Technical Committee CEN/TC 264 "Air quality", the secretariat of which is held by DIN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2008 and conflicting national standards shall be withdrawn at the latest by June 2008.

This document is Part 3 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 criteria and test procedures for automated measuring systems for monitoring ambient air quality*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## **0 Introduction**

### **0.1 General**

CEN has established standards for the certification of automated measuring systems (AMS) used for monitoring emissions from stationary sources and ambient air quality. This product certification is based on the following four sequential stages:

- a) performance testing of an AMS;
- b) initial assessment of the AMS manufacturer's quality management system;
- c) certification;
- d) post certification surveillance.

This European Standard defines the performance criteria and test procedures for performance testing of AMS used to monitor emissions from stationary sources. Testing applies to complete measuring systems.

The overall assessment for the purposes of certification is *conformity testing*, whilst the evaluation of performance against specified performance criteria is *performance testing*.

### **0.2 Legal drivers**

This European Standard supports the requirements of the following EU Directives:

- Directive on the limitation of emissions of certain pollutants into the air from large combustion plants (2001/80/EC);
- Directive on the incineration of waste (2000/76/EC);
- Directive on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations (1999/13/EC);
- Integrated Pollution Prevention and Control Directive (1996/61/EC);
- Directive on processes emitting greenhouse gases (2003/87/EC).

However, this European Standard can also be applied to the monitoring requirements specified in other EU Directives.

### **0.3 Relationship to EN 14181**

The Quality Assurance Levels (QAL) defined in EN 14181 cover the suitability of an AMS for its measuring task (QAL1), the regular calibration and validation of the AMS (QAL2), and the control of the AMS during its ongoing operation on an industrial plant (QAL3). An Annual Surveillance Test (AST) is also defined in EN 14181.

This European Standard provides the detailed procedures covering the QAL1 requirements of EN 14181. Furthermore, it provides input data for QAL3.

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