

Second edition  
2018-02

AMENDMENT 1  
2023-12

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**Medical electrical equipment —**  
**Part 2-55:**  
**Particular requirements for the basic**  
**safety and essential performance of**  
**respiratory gas monitors**

**AMENDMENT 1**

*Appareils électromédicaux —*

*Partie 2-55: Exigences particulières relatives à la sécurité de base et*  
*aux performances essentielles des moniteurs de gaz respiratoires*

*AMENDEMENT 1*

[ISO 80601-2-55:2018/AMD1:2023](https://standards.iteh.ai/catalog/standards/iec/6103aabf-432b-43be-9829-24d417c69b21/iso-80601-2-55-2018/amd1-2023)

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Reference number  
ISO 80601-2-55:2018/Amd.1:2023(E)

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Published in Switzerland

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This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 1, *Breathing attachments and anaesthetic machines*, in collaboration with Technical Committee IEC/TC 62, *Electrical equipment in medical practice*, Subcommittee SC D, *Electrical equipment*, and with the European Committee for Standardization (CEN) Technical Committee CEN/TC 215, *Respiratory and anaesthetic equipment*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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# Medical electrical equipment —

## Part 2-55:

# Particular requirements for the basic safety and essential performance of respiratory gas monitors

## AMENDMENT 1

### 201.1

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

#### 201.1.1

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

#### 201.1.2

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

#### 201.1.3

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

#### 201.1.4

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.2

Replace the following references:

IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020,

IEC 60601-1-2:2014 with IEC 60601-1-2:2014+Amd 1:2020,

IEC 60601-1-6:2010+Amd 1:2013 with IEC 60601-1-6:2010+Amd 1:2013+Amd 2:2020,

IEC 60601-1-8:2006+Amd 1:2012 with IEC 60601-1-8:2006+Amd 1:2012+Amd 2:2020, and

IEC 60601-1-12:2014 with IEC 60601-1-12:2014+Amd 1:2020

### 201.3

Replace the introductory sentence with the following sentence:

For the purpose of this document, the terms and definitions given in IEC 60601-1:2005+Amd 1:2012+Amd 2:2020, IEC 60601-1-2, IEC 60601-1-6:2010+Amd 1:2013+Amd 2:2020, IEC 60601-1-8:2006+Amd 1:2012+Amd 2:2020, IEC 60601-1-11, IEC 60601-1-12 and ISO 80601-2-13:2011+Amd 1:2015 and the following apply.

## ISO 80601-2-55:2018/Amd.1:2023(E)

### 201.4

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.4.3

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.5

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.6

Replace IEC 60601-1:2005 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.2.3

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.4.3

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.9.2

Replace IEC 60601-1:2005+Amd 1:2012 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.9.2.2

Replace IEC 60601-1:2005 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.9.2.2.101

Replace the first paragraph with:

The instructions for use of a DIVERTING RGM that is equipped with a gas exhaust connection shall include a warning regarding the RISK of PATIENT cross-infection if the sampled gas is returned to the breathing system, unless the MANUFACTURER can demonstrate that the RISK of PATIENT cross-infection is reduced to an acceptable level in the returned gas. Additional requirements are found in 201.105.2.

Note the means of risk control can be part of a host device.

Change the check compliance sentence to:

Check conformance by inspection of the MANUFACTURER'S instructions for use or RISK MANAGEMENT FILE.

### 201.7.9.2.5

Replace IEC 60601-1:2005 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020

### 201.7.9.2.8

Replace IEC 60601-1:2005 with IEC 60601-1:2005+Amd 1:2012+Amd 2:2020