BS ISO 29464:2017

BSI Standards Publication

# Cleaning of air and other gases — Terminology

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# National foreword

This British Standard is the UK implementation of ISO 29464:2017. It supersedes BS ISO 29464:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/21, Filters for gases and liquids.

A list of organizations represented on this committee can be obtained on request to its secretary.

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# Cleaning of air and other gases — Terminology

*Épuration de l'air et autres gaz — Terminologie*

Reference number
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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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# Foreword

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This document was prepared by Technical Committee ISO/TC 142, *Cleaning equipment for air and other gases*.

This second edition of ISO 29464 cancels and replaces the first edition (ISO 29464:2011), which has been technically revised.

**INTERNATIONAL STANDARD** **ISO 29464:2017(E)**

# Cleaning of air and other gases — Terminology

## 1 Scope

This document establishes a terminology for the air filtration industry and comprises terms and definitions only.

This document is applicable to particulate and gas phase air filters and air cleaners used for the general ventilation of inhabited enclosed spaces. It is also applicable to air inlet filters for static or seaborne rotary machines and UV-C germicidal devices.

It is not applicable to cabin filters for road vehicles or air inlet filters for mobile internal combustion engines for which separate arrangements exist. Dust separators for the purpose of air pollution control are also excluded.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

### 3.1 General, applicable to both particulate and gas-phase air cleaners

**3.1.1**
**air cleaner**
device intended to remove *contaminants* (3.1.8) from air in a ventilation system or enclosed space

**3.1.2**
**air velocity**
rate of air movement

Note 1 to entry: It is expressed in m/s (fpm) to three significant figures.

**3.1.3**
**bypass**
**air filter bypass**
**sneakage**
proportion of the *challenge air stream* (3.5.13) that passes around an *air cleaner* (3.1.1) without interacting with the air cleaner

**3.1.4**
**calibrate**
to compare readings from the instrument to be calibrated with those from a reference device