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**Cleaning of air and other gases —
Terminology**

Épuration de l'air et autres gaz — Terminologie



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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.

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