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## **Cigarettes — Determination of ventilation — Definitions and measurement principles**

*Cigarettes — Détermination du taux de ventilation — Définitions et  
principes de mesurage*



Reference number  
ISO 9512:2019(E)

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## Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>3</b>
<b>5 Standard conditions</b> .....	<b>3</b>
<b>6 Requirements for apparatus</b> .....	<b>3</b>
<b>7 Sampling</b> .....	<b>6</b>
<b>8 Checking of apparatus</b> .....	<b>6</b>
<b>9 Procedure</b> .....	<b>6</b>
9.1 Conditioning of test cigarettes .....	<b>6</b>
9.2 Calibration .....	<b>7</b>
9.3 Measurement .....	<b>7</b>
<b>10 Expression of results</b> .....	<b>7</b>
<b>11 Precision</b> .....	<b>7</b>
<b>12 Test report</b> .....	<b>8</b>
<b>Annex A (normative) Calibration of ventilation standards</b> .....	<b>9</b>
<b>Annex B (normative) Calibration of ventilation measurement instruments using ventilation and pressure drop standards</b> .....	<b>14</b>
<b>Annex C (informative) Measurement of ventilation airflows of cigarettes</b> .....	<b>16</b>
<b>Annex D (informative) Determination of the leakage of the ventilation measurement system</b> .....	<b>18</b>
<b>Bibliography</b> .....	<b>22</b>

## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 126, *Tobacco and tobacco products* Subcommittee SC 1, *Physical and dimensional tests*.

This third edition cancels and replaces the second edition (ISO 9512:2002), which has been technically revised. The main changes compared to the previous edition are as follows:

- introduction of the prime designator ( $Q'$ ) to indicate a component of the ventilation flow that is measured on the inlet side to the cigarette or standard and that is converted to a volumetric flow at the outlet side (see 3.5);
- addition of a typical calibration process for ventilation standards (see A.3.2 j);
- updated product repeatability and reproducibility statistics (see Clause 11);
- editorial changes in accordance with current guidelines.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).