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ISO and Health Canada intense smoking parameters —

Part 1: Results of an international machine smoking study

Paramètres de fumage ISO et Santé Canada Intense —

Partie 1: Résultats d'une étude internationale de fumage sur machine



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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Abbreviated terms	1
3 Objectives	1
4 Test protocol	2
5 Participants	2
6 Test articles	3
7 Test methods and smoking conditions	4
8 Handling of basic data sets	6
9 Results	8
9.1 Raw smoke yield data.....	8
9.2 Outliers.....	19
9.3 Mean smoke yields after outlier removal.....	20
9.4 Repeatability (<i>r</i>) and reproducibility (<i>R</i>) of smoke yields.....	21
10 Discussion	29
10.1 Comparison of data from ISO and HCI smoking regimes.....	29
10.2 Comparison of linear and rotary smoking machines.....	40
11 Conclusions	54
Annex A (informative) Results of outlier testing	56
Bibliography	61

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 126, *Tobacco and tobacco products*.

ISO/TR 19478 consists of the following parts, under the general title *ISO and Health Canada Intense smoking parameters*:

- *Part 1: Results of an international machine smoking study*
- *Part 2: Examination of factors contributing to variability in the routine measurement of TPM, water and NFDPM smoke yields of cigarettes*

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Introduction

ISO/TC 126 Working Group 10 (WG 10) was established by ISO/TC 126 in 2007 in response to a New Work Item Proposal by the British Standards Institute for the development of new regime for the machine smoking of cigarettes that was more intense than the then current ISO 3308:2000 and a subsequent questionnaire sent to TC 126 members. Twenty out of 26 members of TC 126 voted in favour of the following option:

“to install a Working Group 10 dealing with an ‘Intense Smoking Regime’ which shall start with the preparatory work. WHO is invited to participate with their technical experts. No draft Standard is expected to be presented by this group until the future method proposal of WHO has been taken into consideration.”

At its fifth meeting, in December 2009, WG 10 decided to undertake a collaborative study using both ISO 3308 and Health Canada Intense smoking regimes. A steering group was established and the laboratory work was carried out in 2010. A final report on the study was approved by WG 10 and this ISO Technical Report has been prepared at the request of WG 10 at its tenth meeting, in June 2012.