

FINAL DRAFT International Standard

Tobacco heating systems — Definitions and standard conditions for aerosol generation and collection —

Part 3:

Carbon heated tobacco products (cHTPs)

Systèmes de chauffage du tabac — Définitions et conditions normalisées pour la génération et la collecte d'aérosol —

Partie 3: Produits de tabac chauffés au carbone (PTCc)

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Contents Foreword Introduction		Page
		iv
		v
1	Scope	1
2	Normative references	
3	Terms and definitions	
4	Standard conditions	
	4.1 Machine pressure drop	
	4.2 Puff duration	
	4.3 Puff volume	
	4.4 Puff frequency	
	4.5 Puff profile	
	4.6 Puff number	4
5	Specification of the machine	4
	5.1 General	4
	5.2 Operating principle and puff profile	5
	5.3 Reliability and compensation	5
	5.4 THS holder	
	5.5 Aerosol traps	
	5.6 Sample conditioning and handling	7
	5.7 Test atmosphere	8
	5.8 Vent blocking	8
	5.9 Ignition of carbon heat source and initiation of collection	8
	5.10 Termination of collection 5.11 Sample failure	8
	5.11 Sample failure	8
6	Control and monitoring of ambient air flow around cHTP	9
	6.1 General	9
	6.2 Air velocity measurement locations	
	6.2.1 General ISO/EDIS 5501.2	
	$_{ m tps://stand}$ $6.2.2$ Machines, type a)	
	6.2.3 Machines, type b)	
	6.3 Specification of the air velocity meter	
Dibl	liography	10

Foreword

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This document was prepared by Technical Committee ISO/TC 126, Tobacco and tobacco products.

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Introduction

Tobacco heating systems (THS) are designed to heat a tobacco substrate, to produce a nicotine-containing aerosol without the combustion of the tobacco substrate. A THS is a combination of a heated tobacco product (HTP) and a tobacco heating device (THD). The HTP part of the THS, is a product containing a tobacco substrate that is designed to be heated and not combusted.

With the emerging development and commercialisation of HTPs, there are a number of different approaches to heating the HTP, categorised as electrically, aerosol and carbon, HTPs; eHTP, aHTP and cHTP, respectively (see ISO 6080).

This document has been developed to define and specify the requirements for a carbon heated tobacco product (cHTP) puffing regime in order to generate and collect aerosol for subsequent analytical measurement in a robust and reproducible manner.

No machine puffing regime can represent all human use behaviour, so dependent on the testing requirement it may be appropriate to test cHTPs differently according to their design, or under conditions of different intensity to reflect the range of human behaviour.

Machine testing is useful to characterize emissions for product development and regulatory purposes and may be used as inputs for product hazard assessment; however, it is not intended to be nor is it valid as a measure of human exposure or risk.

NOTE This document is a reference document for ISO standards on tobacco heating systems (e.g. ISO 5501). Regulation and standardisation are independent from each other, and standardisation does not pre-empt regulation.

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