



FINAL DRAFT International Standard

ISO/FDIS 5501-2

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

Part 2: Aerosol heated tobacco products (aHTPs)

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

Partie 2: Produits de tabac chauffés par un aérosol (PTCa)

ISO/TC 126

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

A list of all parts in the ISO 5501 series can be found on the ISO website.

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.

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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 an aerosol heated tobacco product (aHTP) 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 aHTPs 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 device 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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