

# DIN ISO 3308:2015-01 (E)

## Routine analytical cigarette-smoking machine - Definitions and standard conditions (ISO 3308:2012)

---

<b>Contents</b>		<b>Page</b>
National foreword .....		3
National Annex NA (informative) Bibliography .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Standard conditions .....	7
4.1	Machine pressure drop .....	7
4.2	Puff duration .....	7
4.3	Puff volume .....	8
4.4	Puff frequency .....	8
4.5	Puff profile .....	8
4.6	Restricted smoking .....	8
4.7	Puff number .....	8
4.8	Cigarette holder .....	8
4.9	Cigarette position .....	10
4.10	Ashtray position .....	10
5	Specification for the routine analytical smoking machine .....	10
5.1	General .....	10
5.2	Operating principle and puff profile .....	11
5.3	Reliability and compensation .....	11
5.4	Cigarette holders and smoke traps .....	12
5.5	Test atmosphere .....	13
5.6	Puff counting .....	13
5.7	Ignition .....	13
5.8	Smoking enclosure .....	13
Annex A (normative) Ambient air flow around cigarettes in routine analytical smoking machines: Control and monitoring .....		15
Annex B (informative) Description of the puffing mechanism of a piston-type smoking machine .....		22
Annex C (informative) Diagrammatic representation of a puff profile .....		27
Bibliography .....		29