

ISO 2971:2013-04 (E)

Cigarettes and filter rods - Determination of nominal diameter - Method using a non-contact optical measuring apparatus

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
6	Sampling	3
7	Procedure	3
7.1	Preparation of test pieces	3
7.2	Adjustment and calibration	4
7.3	Measurement	4
8	Expression of results	4
9	Repeatability and reproducibility	5
10	Test report	5
Annex A (normative) Calibration standards		7
Annex B (informative) Measurement principle and required number of scans		8
Annex C (informative) Information on possible source of measurement error		10
Annex D (informative) Non-contact measurement techniques		12
Annex E (informative) Alternative measurement techniques for the determination of nominal diameter of cigarettes and filter rods		15
Annex F (informative) Protocol for ISO/TC 126/SC 1/WG 2 interlaboratory diameter measurement uncertainty study		17