

ISO 9151:2016-11 (E)

Protective clothing against heat and flame - Determination of heat transmission on exposure to flame

Contents		Page
Foreword		iv
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	2
5.1	General	2
5.2	Gas burner	2
5.3	Copper disc calorimeter and mounting block	2
5.4	Specimen support frame	5
5.5	Calorimeter location plate	6
5.6	Support stand	6
5.7	Recorder	8
5.8	Flat rigid template	8
6	Precautions	9
7	Sampling	9
7.1	Specimen dimensions	9
7.2	Number of specimens	9
8	Conditioning and testing atmospheres	9
8.1	Conditioning atmosphere	9
8.2	Testing atmosphere	9
9	Test procedure	9
9.1	Preparation and calibration	9
9.1.1	Preliminary procedures	9
9.1.2	Regulation of the incident heat flux	10
9.2	Test specimen mounting	11
9.3	Test specimen exposure	11
10	Test report (see Annex C)	12
Annex A (informative) Significance of the heat transfer test		13
Annex B (informative) Availability of materials		15
Annex C (informative) Example test report form		17