

ISO 5658-2:2006-09 (E)

Reaction to fire tests - Spread of flame - Part 2: Lateral spread on building and transport products in vertical configuration

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Definitions	1
4	Principle	3
5	Suitability of a product for testing	4
5.1	Surface characteristics	4
5.2	Thermally unstable products	5
6	Test specimens	5
6.1	Exposed surface	5
6.2	Number and size of specimens	5
6.3	Construction of specimens	7
6.4	Conditioning	7
6.5	Preparation	7
7	Test apparatus	9
7.1	General	9
7.2	The radiant panel support framework	10
7.3	Specimen support framework	11
7.4	Specimen holder	11
7.5	Pilot flame burner	12
8	Test environment	15
9	Additional equipment and instrumentation	15
9.1	Heat-flux meter	15
9.2	Total radiation pyrometer	16
9.3	Recorder	16
9.4	Timing devices	16
9.5	Dummy specimen	16
9.6	Calibration board	16
9.7	Backing boards and spacers	17
10	Setting-up and calibration procedure	17
10.1	Setting-up	17
10.2	Verification	20
10.3	Adjustment of the pilot flame	20
11	Test procedure	20
12	Expression of fire performance of a product	22
13	Test report	22

Annex A (normative) Safety precautions	24
Annex B (informative) Specimen construction	25
Annex C (informative) Calibration of the working heat-flux meter	26
Annex D (informative) Guidelines for reporting and follow-up of results of fire test procedures	27
Annex E (informative) Variability of test results	28
Annex F (normative) Test method for flame spread of plastic piping	31
Bibliography	33