ISO/TR 17252:2008-12 (E)

Fire tests - Applicability of reaction to fire tests to fire modelling and fire safety engineering

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 1

5 Fire initiation and growth 2
5.1 Design fires and design fire scenarios 2
5.2 Sensitivity analysis in the design process 4
5.3 Limits of applicability 5

6 Sources of data for input into design 5

7 Application of test results 5
7.1 Repeatability and reproducibility 5
7.2 Heat flux measurements 5
7.3 Limiting factors affecting experimental quantification of fire growth 5
7.4 Differences between testing conditions and real fire scenarios 7

8 Product family behaviours 7

Annex A (informative) Review of fire test International Standards 8

Bibliography 50