ISO 13571:2007-06 (E)

Life-threatening components of fire - Guidelines for the estimation of time available for escap e using fire data

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 General principles 3
4.1 Time available for escape 3
4.2 Toxic-gas model 3
4.3 Mass-loss model 4
4.4 Heat and radiant energy model 4
4.5 Smoke-obscuration model 4

5 Significance and use 4

6 Toxic-gas models 5
6.1 Asphyxiant-gas model 5
6.2 Irritant-gas model 7

7 Mass-loss model 8

8 Heat 9

9 Smoke-obscuration model 11

10 Report 12

Annex A (informative) Context and mechanisms of toxic potency 13

Bibliography 18