
Fire safety engineering —
Part 2:
Design fire scenarios and design fires

Ingénierie de la sécurité contre l'incendie —

Partie 2: Conception des scénarios-incendie et des feux



Contents

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Symbols and abbreviated terms 2

5 Design fire scenarios..... 3

5.1 Role of design fire scenarios in fire safety design..... 3

5.2 Identification of important design fire scenarios 4

6 Design fires 8

6.1 Role of design fires in fire safety engineering..... 8

6.2 Characteristics of design fires 8

6.3 Characteristic fire growth 10

6.4 Events modifying the design fire 10

6.5 Pre-flashover design fires..... 11

6.6 Fully developed fires 13

6.7 External design fires..... 15

Annex A (informative) Typical fire growth categories 16

Bibliography 17