

First edition
1999-10-15

Fire safety engineering — Part 5: Movement of fire effluents

*Ingénierie de la sécurité contre l'incendie —
Partie 5: Mouvements des effluents du feu*



Reference number
ISO/TR 13387-5:1999(E)

Contents

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Symbols and abbreviated terms 2

5 Subsystem 2 of the total design system 3

6 Subsystem 2 evaluations 5

6.1 Movement of fire effluents 5

6.2 Non-thermal fire damage 13

7 Engineering methods 14

7.1 General..... 14

7.2 Estimation formulae 15

7.3 Zone models..... 15

7.4 Field models 16

7.5 Experimental methods 18

8 Techniques to control movement of fire effluents 18

Bibliography 20