

ISO/TS 16732:2005-09 (E)

Fire Safety Engineering - Guidance on fire risk assessment

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Applicability of fire risk assessment	6
4.1	Circumstances where fire risk assessment is useful	6
4.2	Circumstances where fire risk assessment is essential	6
5	Overview of fire risk management	6
6	Steps in fire risk estimation	7
6.1	Overview of fire risk estimation	7
6.2	Use of scenarios in fire risk assessment	9
6.3	Characterization of probability	11
6.4	Characterization of consequence	13
6.5	Calculation of scenario fire risk and combined fire risk	14
7	Uncertainty, sensitivity, precision and bias	16
7.1	Elements of uncertainty analysis	16
8	Fire risk evaluation	17
8.1	Individual and societal risk	17
8.2	Risk acceptance criteria	17
8.3	Safety factors and safety margins	18
Annex A (informative)	Additional definitions	20
Bibliography		22