

ISO/TR 16732-3:2013-02 (E)

Fire safety engineering - Fire risk assessment - Part 3: Example of an industrial property

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Applicability of fire risk assessment	2
5	Overview of fire risk management	2
5.1	General	2
5.2	Overall description of the industrial facility	2
5.3	Phenomenology of a BLEVE	3
5.4	Risk reduction measures	5
5.5	Presentation of design options	5
6	Steps in fire risk estimation	8
6.1	Overview of fire risk estimation	8
6.2	Use of scenarios in fire risk assessment	8
6.3	Estimation of frequency and probability	11
6.4	Estimation of consequence	13
6.5	Calculation of scenario fire risk and combined fire risk	13
7	Uncertainty, sensitivity, precision, and bias	18
8	Fire risk evaluation	19
8.1	Individual and societal risk	19
8.2	Risk acceptance criteria	19
8.3	Safety factors and safety margins	20
Bibliography		21