

2.13 30513 FIRE RISK ASSESSMENT

UNIT-1

- 1.1 Introduction, Understanding fire: How and why people die in fires ,
- 1.2 Human behaviour in fire: How people behave in emergencies,
- 1.3 Legislative requirements:
- 1.4 The Regulatory Reform (Fire Safety) Order 2005,
- 1.5 Fire hazards & risks,
- 1.6 Plan Drawing,
- 1.7 Brief look at drawing to scale, and how plans can be used to good effect

Unit-2

- 2.1 Fire risk assessment structure and layout,
- 2.2 Means of escape principles:
- 2.3 Basic requirements and what to look for,
- 2.4 Fire signage: National requirements,
- 2.5 Fire Alarms & fire detection:
- 2.6 Basic components, and testing, Emergency lighting:
- 2.7 When it is required, Basic components, and testing, Alternatives to emergency lighting

UNIT-3

- 3.1 Emergency Plans & Staff Training,
- 3.2 Highly Flammables & LPG,
- 3.3 Firefighting equipment requirements,
- 3.4 Fire resisting construction & compartmentation,
- 3.5 Active fire safety for building protection:
- 3.6 Sprinklers & Automatic roof vents

UNIT-4

- 4.1 The process of fire risk assessment,
- 4.2 Fire risk assessment recording and review procedures,
- 4.3 The potential for pollution arising from fires,
- 4.4 Measures to prevent and reduce fire pollution

Reference Book:

1. Principles of Fire Risk Assessment in Buildings Author(s): David Yung B.Eng., M.A.Sc., Ph.D.,