

2.18 30518 SAFETY OF PEOPLE IN THE EVENT OF FIRE

UNIT-1

- 1.1 Recognition of possible fire sources and emergency procedures in the event of a fire,
- 1.2 The course also offers an in-depth study of fire investigation and the construction techniques for eliminating fires,
- 1.3 History of fires, types of detecting devices and extinguishing agents and systems, construction techniques, and fire investigation,
- 1.4 National Fire Protection Association and Occupational Safety and Health Administration standards

UNIT-2

- 2.1 Devising procedures in the event of fire, How people perceive and react to fire danger,
- 2.2 The measures needed to overcome behavioural problems and to ensure the safe evacuation of people in the event of fire,
- 2.3 Assisting disabled people to escape

UNIT-3

- 3.1 Safety goals and objectives, Monitoring safety progress,
- 3.2 Identifying hazards and risks, Safety and financial benefits,
- 3.3 Safety and the balanced scorecard,
- 3.4 Setting targets and ensuring commitment,
- 3.5 Developing safe work systems,
- 3.6 Policies and procedures,
- 3.7 Safety values and principles

UNIT-4

- 4.1 Allocating responsibility and authority, Rehabilitation after an incident,
- 4.2 Workplace inspections, Measuring and reporting,
- 4.3 Developing and effective safety culture,
- 4.4 Building an incident free workplace,
- 4.5 Removing obstacles to safety, Safety and accountability,
- 4.6 Developing safety habits in the workplace, Fire Protection and Analysis

Reference Book:

1. SFPE Handbook of Fire Protection Engineering Editors: Hurley, M.J., Gottuk, D.T., Hall Jr., J.R., Harada, K., Kuligowski, E.D., Puchovsky, M., Torero, J.L., Watts Jr., J.M., Wiczorek, C.J. (Eds.)