

2.15 30515 INDUSTRIAL SAFETY

UNIT-1

- 1.1 Fundamentals of industrial safety,
- 1.2 Different types of industries,
- 1.3 Different types of safety systems and equipment's,
- 1.4 Safety policy and safety terminology

UNIT-2

- 2.1 Work permit systems,
- 2.2 Job safety analysis,
- 2.3 Hazop study, Fault tree analysis

UNIT-3

- 3.1 Emergency planning,
- 3.2 Safety inventory systems,
- 3.3 Safety survey,
- 3.4 Occupational health hazards,
- 3.5 Safety organization and duties of a safety officer

UNIT-4

- 4.1 Accident prevention methods,
- 4.2 Safety committee,
- 4.3 Accident investigation,
- 4.4 Safety management systems,
- 4.5 Laws related to safety (Factories ACT 1948 Explosive ACT, Electricity ACT etc.)

Reference Books:

1. Industrial Safety and Environment Paperback – 1 January 2015 by A.K. Gupta (Author)
2. Handbook of Occupational Safety and Health, Third Edition Editor(s): S. Z. Mansdorf

