

## **Indicative Syllabus of ET (Safety)**

1. Fire detection & Fire Alarm systems Fire detection including Automatic Leak detection System, Gas Flooding System, Fire Alarm system, Sprinkler System, Fire hydrant System, Fire Pumps etc.
2. Disaster Management Plan:- Disaster Management Plan during construction phase covering hazards due to accidents, injuries, Mechanical hazards, Chemical Handling, Electrical Hazards, Fire/Explosion Hazard, Health Hazards due to Biological, Air, Water Pollution, Noise/ Vibration and also Disaster Management Plan during operation phase covering Local Flood, Earthquake, Fire, Lightening, Power Failure etc.
3. Principle of Safety Management
4. First aid & Emergency procedure
5. Fire Fighting equipments
6. Insurance claim settlements

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