

Key Curriculum Modules for Diploma in Safety Management

1. Introduction to Occupational Health and Safety

- Importance of health and safety in the workplace
 - Legal framework and compliance requirements
 - Responsibilities of employers and employees
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2. Hazard Identification and Risk Assessment

- Identifying common workplace hazards (chemical, physical, biological, ergonomic)
 - Risk analysis and evaluation techniques
 - Control measures and implementation strategies
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3. Fire Safety and Prevention

- Fire behavior and classification
 - Fire risk assessment and control techniques
 - Emergency evacuation and fire-fighting equipment usage
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4. Construction and Industrial Safety

- Key risks in construction and manufacturing environments
 - Use of personal protective equipment (PPE)
 - Safe practices for machinery, heights, and confined spaces
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5. First Aid and Emergency Procedures

- Basic first aid and CPR
 - Managing workplace injuries and illnesses
 - Emergency preparedness and response planning
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6. Environmental Safety Management

- Pollution control and waste management
 - Eco-friendly workplace practices
 - Environmental health legislation and responsibilities
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7. Safety Audit and Inspection

- Types and scope of safety audits
- Conducting inspections and identifying non-compliance

- Reporting, documentation, and follow-up procedures
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8. Safety Management Systems (SMS)

- Elements of an effective safety management system
 - Integrating safety with organizational culture
 - Standards such as ISO 45001
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9. Health and Wellness at Work

- Promoting occupational health and wellness
- Ergonomic assessments and interventions
- Addressing stress, fatigue, and mental well-being