

Units 8

Risk Management and Assessment

Risk Management Model

- Risk Identification
- Risk Evaluation
- Risk Treatment
- Selection and Implementation
- Program Monitoring

Risk Identification - Types of Risks

- Property damage/loss/theft
- Loss of income/business interruption
- Human resources
 - Employee injury and illness
 - Key employee
- Legal liability
 - Tort & other judgments
 - Defense costs
 - Regulatory

Risk Evaluation

- Low-Severity, Low-Frequency, retain
- Low-Severity, High-Frequency, retain
- High-Severity, Low-Frequency, transfer
- High-Severity, High-Frequency, avoid or transfer

Risk Treatment (Control)

- Contingency planning
- Compliance
- Incident reporting
- Risk financing
 - Retention
 - Transfer

Selection and Implementation

- Selection and implementation of specific control and financing techniques or each risk

Program Monitoring

- Performance standards
- Measure actual practices against standards
- Take corrective action

EPA Risk Assessment

- <http://www.epa.gov/ceppo/>
- <http://www.epa.gov/oppe/>