

## Occupational Health & Safety Training

### Hazard Prevention and Control

#### Summary:

This section outlines hazard elimination and tracking, the role that maintenance programs play in a safety and health management system, how process engineering and control methods are determined, and what safety and health programs are required.

#### Objectives:

At the end of this module the student will be able to:

- Describe the systems used to prevent and control hazards.
- Describe the systems used to track hazard correction activities.
- Describe what an emergency action plan is and why it is important.
- Identify the various programs needed in a management system.
- Determine how incident analysis and investigation affect the management system.
- Determine what a root cause is.

#### Suggested Training Resources:

- Safety Work Order – Supplemental Material
- Hierarchy of Controls – Supplemental Material.
- Incident Investigation Process – Supplemental Material.

#### Outline:

1. Hazard Elimination
  - a- Hierarchy of controls
2. Hazard Tracking and Control
  - a- Maintenance or safety tickets
  - b- Preventive maintenance systems
3. Emergency Action Plans
  - a- Survey of potential incidents
  - b- Action and response planning
  - c- Information and training
  - d- Drills
4. Programs
  - a- Preventive maintenance
  - b- Medical
  - c- Safety and health
5. Incident Investigation
  - a- Definition of an incident
  - b- Heinrich's triangle
  - c- Investigation process and procedures
6. Root Cause Analysis
  - a- Gathering the facts, asking why
  - b- Root cause mapping and determination
  - c- Basic, indirect and direct causes

#### Language:

Arabic & English

#### Certificates:

Upon passing the exam, the student will earn completion certificate from Bafco.

#### Days: 2 days

#### Cost: Contact US