

INDUSTRIAL HYGIENE MANAGEMENT SYSTEM

HSE049

COURSE DESCRIPTION

Industrial hygiene management system (IHMS) is an essential aspect of any organization's health and safety management program. The purpose of the IHMS is to identify, evaluate, and control workplace hazards that can affect employees' health and safety. An effective IHMS can help reduce worker injury and illness rates, lower healthcare costs, increase productivity, and improve overall employee morale.

This course on Industrial Hygiene Management System provides a comprehensive overview of the principles and practices of IHMS, and how to develop and implement an effective IHMS in the workplace.

COURSE OBJECTIVES

By the end of this course, participant will be able to:

- Understand the fundamental principles of industrial hygiene and the importance of an effective IHMS in the workplace.
- Identify and evaluate workplace hazards that can affect employee health and safety.
- Develop control strategies to mitigate workplace hazards, including engineering controls, administrative controls, and personal protective equipment.
- Understand the regulatory requirements for industrial hygiene, including OSHA standards and other federal and state regulations.
- Develop and implement training and education programs for employees to ensure they are aware of workplace hazards and how to control them.
- Evaluate the effectiveness of an IHMS through audits, inspections, and other evaluation techniques.
- Develop an effective IHMS program that meets the needs of the organization and complies with regulatory requirements.
- Understand the role of management in developing and implementing an effective IHMS program.
- Identify and prioritize hazards based on their potential impact on employee health and safety.
- Understand the importance of employee involvement in an effective IHMS program.

WHO SHOULD ATTEND

- Health and safety professionals who are responsible for developing and implementing an effective IHMS in the workplace.
- Environmental health and safety (EHS) managers who oversee health and safety programs in their organizations.
- Engineers and facility managers who are responsible for identifying and controlling workplace hazards.
- Occupational health nurses and physicians who are involved in managing workplace health and safety.
- Human resource professionals who are responsible for ensuring that employees are aware of workplace hazards and how to control them.
- Supervisors and managers who are responsible for ensuring that workplace hazards are identified and controlled, and that employees receive appropriate training and education.
- Anyone who has an interest in improving workplace health and safety and wants to learn more about IHMS.

COURSE DURATION

5 Working Days

COURSE OUTLINES

1. Introduction to Industrial Hygiene

- Definition and importance of industrial hygiene
- Workplace hazards and risks
- Overview of IHMS and its components

2. Regulatory Requirements

- Overview of OSHA standards and other federal and state regulations
- Compliance with regulatory requirements

3. IHMS Elements

- Hazard identification and assessment
- Risk evaluation and management
- Control strategies
- Training and education
- Program evaluation

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4. Hazard Identification and Assessment

- Types of workplace hazards
- Hazard identification methods
- Exposure assessment
- Hazard communication

5. Control Strategies

- Engineering controls
- Administrative controls
- Personal protective equipment (PPE)
- Implementation of control strategies

6. Training and Education

- Importance of training and education
- Development and delivery of training programs
- Employee involvement in IHMS

7. Program Evaluation

- Audits and inspections
- Monitoring and measuring
- Corrective actions and continuous improvement

8. Developing an IHMS Program

- Developing an IHMS plan
- Implementation of the IHMS program
- Communication and reporting

9. Management's Role in IHMS

- Management's responsibility for IHMS
- Integration of IHMS with other management systems
- Leadership and culture of safety

10. Case Studies and Practical Applications

- Case studies illustrating successful IHMS implementation
- Practical applications of IHMS in the workplace
- Review and evaluation of IHMS program