



## **M&A Safety Services**

512 Viaulet Road  
Youngsville, Louisiana 70592  
Main: 337-451-4685  
Fax: 337-451-5847  
[www.masafetyservices.com](http://www.masafetyservices.com)

## **Hazard Recognition**

### **Course Outline**

**Prerequisites:** This course shall have no formal pre-requisite.

**Course Length:** 3-4 hours – Course length shall vary depending on the number of delegates.  
Total course time includes breaks.

**Class Size:** The maximum number of delegates that may be trained and tested per instructor shall be thirty-five (35) in the classroom session.

### **Course Objectives**

- ) Define a hazard and calculate risk
- ) Explain requirements for hazard identification and control measures
- ) Describe hazards that have the potential to harm workers, the work environment, and the organization
- ) Identify safety and health hazard types associated with a given job task
- ) Identify hazards and apply risk assessment procedures
- ) Identify control methods and evaluate their effectiveness

### **Course Design**

- ) Power Point© / Lecture / Audio Video / Visual Aids

### **Successful Course Completion**

- ) Delegates will complete a hazard/risk assessment related to the workplace and work activities

### **Course Content Summary**

- ) Classroom

**Breaks:** 10 minutes (approximately every hour)

**Lunch:** 1 Hour (if applicable)



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### Course Outline

#### Fundamentals of hazard recognition and control

- ) Definitions
  - o Hazard Recognition
  - o Risk Analysis
- ) What is Hazard Recognition
- ) Purpose
- ) Benefits
- ) The importance of hazard recognition and risk reduction

#### Types of hazards

- ) Unsafe condition
- ) Unsafe acts
- ) Physical Hazards
- ) Sources of Energy

#### Identifying Hazards

- ) Four Steps
  - o Select a job to be analyzed
  - o Break down the job into smaller tasks
  - o Identify hazards and potential accidents
  - o Develop solutions
- ) General Workplace Conditions
- ) Observation Techniques

#### Hazard Recognition Examples

#### Risk Assessment

- ) What is Risk Assessment
- ) Factors That Increase Risk
- ) Assessing Risk
  - o Severity
  - o Probability
- ) Hazard Scenarios
- ) Risk Matrix
- ) Risk Assessment Exercise 1
- ) Risk Assessment Exercise 2

#### Job Safety Analysis

- ) Why JSA?
- ) JSA Flow Chart



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- ) Video: JSA
- ) Five Steps to JSA
- ) Completing a JSA
  - o Identifying Job Steps
  - o Identifying Potential Hazards
  - o Identifying Solutions to Eliminate Hazards
- ) JSA Example
- ) JSA Exercise 1
- ) JSA Exercise 2

Group table top exercises

### **Practical Session**

- ) None

### **Training Center Provided Material**

- ) Course Materials

### **Student Requirements**

- ) None