

TITLE: Industrial Emergency Response Refresher-Scenarios

TARGET POPULATION: Persons who require annual refresher training to update previous industrial emergency response training.

OVERALL LEARNING OBJECTIVES:

- Review basic skills and knowledge about emergency response.
- Provide an opportunity to engage in learning and problem-solving activities which will help to improve safety and health conditions during a response.
- Reinforce safe work practices.
- Reinforce the role of personal protective equipment during a response.
- Reinforce the significance of a site-specific emergency response plan in controlling hazards.
- Meet OSHA training requirements for annual refresher training stated in Section (q) (8) of the Hazardous Waste Operations and Emergency Response Standard, 29 CFR 1910.120.

CHAPTER 1: ABC EXERCISE – MAJOR CONTENTS**ABC Company Emergency Response Scenario: Part 1**

- Activity 1: Labeling Exercise

ABC Company Emergency Response Scenario: Part 2

- Activity 2: MSDS and Labeling Exercise

ABC Company Emergency Response Scenario: Part 3

- Activity 3: Determining the Zones
- Activity 4*: Required PPE— Operations Level
- Activity 4*: Required PPE – Technician Level

- Activity 4*: Required PPE – Incident Command Level
- Activity 5*: Standard Operating Procedures/Work Practices- Operations Levels
- Activity 5*: Standard Operating Procedures/Work Practices Technician Level
- Activity 5*: Standard Operating Procedures/Work Practices Incident Command Level

** Trainees are grouped by the level they work at and each group performs exercises specific to their work duties.*

CHAPTER 2: LEGAL RIGHTS AND RESPONSIBILITIES – MAJOR CONTENTS

- HAZWOPER
- OSHA
- Agencies
- Legislation
- Worker Training Requirements
- Medical Surveillance Program

CHAPTER 3: EMERGENCY RESPONSE – BASIC CHEMICAL PROPERTIES

- Emergency Response Plan (ERP)
- Incident Command System

CHAPTER 4: HAZARD RECOGNITION – MAJOR CONTENTS

- Recognizing an Emergency
- Types of Hazards
- Health Effects
- Hazard Warning Systems and Symbols

e-tools: CA, DECON, TJ, CAM/AL, MAR, CRW, SCBA, ICSC, NPG

CHAPTER 5: MONITORING – MAJOR CONTENTS

- Measurement of Concentration
- Exposure Limits
- Types of Air Sampling
- Sampling Instruments
- Selecting Monitoring Equipment
- Monitoring at an Emergency
- Decontamination
- Preplanning for Decontamination
- Decontamination Procedures
- Decontamination Line

CHAPTER 6: PERSONAL PROTECTIVE EQUIPMENT – MAJOR CONTENTS

- Personal Protective Equipment Program
- Respiratory Protection
- Chemical-Protective Clothing

CHAPTER 7: WORK PRACTICES – MAJOR CONTENTS

- Standard Operating Procedures
- Confined-Space Entry Procedures
- Lock-Out Procedures
- Fire Prevention
- SOPs for Emergencies
- Risk Assessment
- Emergency Response Procedures
- Termination Procedures
- Post-Response Critique & Follow-Up