



INTEGRATED CONTINGENCY Planning for Industrial Emergencies (ICP)

Course Introduction:

This course is designed to provide participants with complete and up to date knowledge on Integrated Contingency Planning (ICP) and Emergency Response (ERP) to chemical and physical exposures in industrial and field settings. Topics include: hazard analysis, contingency planning, housekeeping and safety practices including proper use and selection of PPE, site control and evaluation, handling drums and containers, field sampling and monitoring, proper use of instruments, incident response planning, emergency response. Further, this course addresses the potential environmental and human risks from major hydrocarbon industrial accidents, covering all aspects of industrial contingency planning, from preventing accidents to organizing planning committees, evaluating hazards, assessing available resources, collecting information on codes and regulations, developing a plan, and maintaining a high level of preparedness at the plant, including training your employees on your developed ICP.

Course Objectives:

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on integrated contingency planning for industrial emergencies (ICP)
- Develop a contingency plan and identify the elements of such plan
- Implement the emergency response planning for fixed facilities and determine the various emergency equipment used in preparation for incident
- Apply the incident command functions and the different types of emergency response
- Demonstrate the process of auditing the emergency response plan through observations, drills and reviewing the historical events
- Discuss decision making process for HAZMAT incidents and recognize the importance of worker safety practices
- Improve the process of developing a written PPE program according to OSHA 1910 and implement its program review and evaluation
- Employ incident mitigation operations and determine the importance of containment including the evaluation of its best methods
- Establish and strictly enforce site control procedures and prepare the site for subsequent activities
- Distinguish hazardous materials classes, properties and containers and review unstable materials, explosives and toxic hazardous materials
- Apply proper methodology of labeling, placarding and identification including the shipping papers/manifests, NFPA 704 warning system and isolation tables

- Identify the types and methods for contamination and decontamination and explain personal protection by recognizing the need for protection, identifying the levels of protection and using protective clothing

Who Should Attend?

This course is intended for all managers, engineers and other supervisory staff involved in emergency planning for industrial facilities and it is essential for all health, safety and environmental Staff (HSE).

Course Outline:

Module 1: Major Emergency Management Planning, Hazard Analysis and Risk Assessment

Module 2: Mitigation/ Risk Management

Module 3: Planning and preparedness

Module 4: Delivering a co- coordinated response

Module 5: Site Management

Module 6: Oil Spill Contingency Plan

Module 7: Oil Spill Combating Strategies

Module 8: Notification plan and reporting

Module 9: Management of Oil Spill Contingency Plan

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts

- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, Hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee/Tea
08:20 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:30	Recess (Prayer Break & Lunch)
13:30 - 15:00	Last Session

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