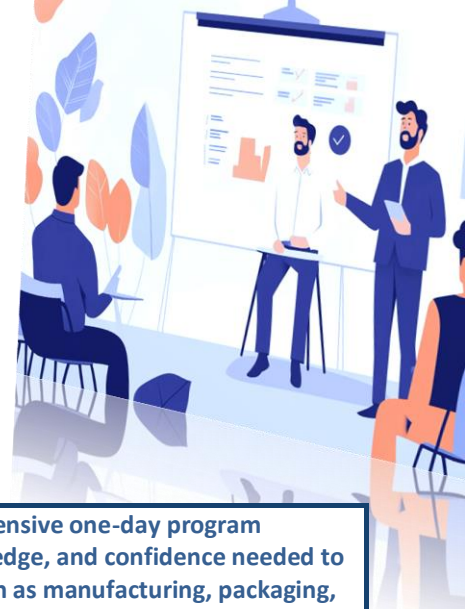


Chemical Handling Safety Awareness

COURSE CODE : ZMT-HSE-105



COURSE OVERVIEW	The Chemical Handling Training Course is a comprehensive one-day program designed to equip participants with the skills, knowledge, and confidence needed to safely manage hazardous chemicals in industries such as manufacturing, packaging, shipping, logistics, and warehousing. This course ensures workplace safety and compliance with industry standards.
TARGET AUDIENCE	This course is tailored for: <ul style="list-style-type: none"> • Line Managers • Supervisors • Personnel handling hazardous chemicals in the workplace
COURSE OBJECTIVES	Participants will learn: <ul style="list-style-type: none"> • Identify various types of chemicals and their classification under GHS (Globally Harmonized System) and CHIP (Chemical Hazard Information and Packaging). • Read and interpret Material Safety Data Sheets (MSDS) and labels effectively. • Recognize hazardous substances and understand their risks. • Respond appropriately to chemical spills and emergencies. • Safely use and maintain self-contained breathing apparatus (SCBA and Escape Units).
COURSE CONTENTS	<ol style="list-style-type: none"> 1. Introduction to Chemical Handling 2. Chemicals in the Workplace 3. Responsibilities: <ul style="list-style-type: none"> • Employer’s Responsibilities • Employee’s Responsibilities 4. Understanding Hazards and Their Effects 5. Key Learning Areas: <ul style="list-style-type: none"> • Package Labels • MSDS/SDS Guidelines 6. Prevention Measures: <ul style="list-style-type: none"> • Safe Handling and Storage Practices • Personal Protective Equipment (PPE) Usage • Understanding Physical and Chemical Properties • Firefighting Measures • Exposure Controls and Toxicological Information • Ecological Impact and Disposal Considerations • Transportation of Hazardous Chemicals 7. Course Evaluation
DELIVERY MODE	The course utilizes a combination of, Facilitator-led presentations Group discussions Skill-building exercises Practical role-playing activities.
DURATION	1 Day
ASSESSMENT CRITERIA	Participants will undergo both theoretical and practical assessments to evaluate their knowledge and application of chemical handling procedures and safety requirements.