



# Dangerous Goods Handling

COURSE CODE : ZMT-HSE-109

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