

# Hazard Identification & Risk Assessment (HIRA)

COURSE CODE : ZMT-HSE-118



<b>COURSE OVERVIEW</b>	The Hazard Identification & Risk Assessment (HIRA) Training is a comprehensive one-day course designed to equip participants with the skills and knowledge to effectively identify workplace hazards, evaluate risks, and develop robust risk assessment and risk management plans. This course focuses on proactive safety measures to reduce accidents and improve overall workplace safety.
<b>TARGET AUDIENCE</b>	This course is tailored for: <ul style="list-style-type: none"> <li>• Line Managers</li> <li>• Supervisors</li> <li>• Individuals responsible for designing, developing, and managing workplace emergency response procedures.</li> </ul>
<b>COURSE OBJECTIVES</b>	Participants will learn: <ul style="list-style-type: none"> <li>• Understand the fundamental concepts of hazard identification and risk assessment.</li> <li>• Learn methods to assess risks and implement effective risk control measures.</li> <li>• Conduct safety audits to identify unsafe acts and improve site safety.</li> <li>• Gain practical experience in developing comprehensive risk assessment plans for specific scenarios.</li> </ul>
<b>COURSE CONTENTS</b>	<ol style="list-style-type: none"> <li>1. Introduction to Hazard Identification and Risk Assessment</li> <li>2. Key Definitions: <ul style="list-style-type: none"> <li>• Hazard</li> <li>• Risk</li> <li>• Risk Assessment</li> <li>• Risk Control and Risk Management</li> </ul> </li> <li>3. Methods of Risk Assessment</li> <li>4. Steps of Conducting a Risk Assessment</li> <li>5. Risk Evaluation Techniques</li> <li>6. Hazard Control vs. Workplace Precautions</li> <li>7. Using Safety Audits to Improve Workplace Safety</li> <li>8. Safe and Unsafe Act Auditing and Safety Inspections</li> <li>9. Accidents vs. Incidents</li> <li>10. Proactive Monitoring vs. Reactive Monitoring</li> <li>11. Risk Assessment Fundamentals for: <ul style="list-style-type: none"> <li>• Electrical Safety</li> <li>• Kitchen Safety (e.g., using fire blankets and alternatives)</li> <li>• Storage of Chemicals</li> <li>• Machine Safety</li> <li>• Construction Safety</li> </ul> </li> <li>12. Practical Exercises: Hands-on development of risk assessment plans for real-world scenarios.</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



## ASSESSMENT CRITERIA

Participants will complete both practical and theoretical assessments to demonstrate their understanding of:

- Identifying workplace hazards.
- Evaluating risks and implementing control measures.
- Developing effective risk management plans.

