

Welding Safely

COURSE CODE : ZMT-HSE-133



COURSE OVERVIEW	The Welding Safely Course is a one-day intensive training program designed to provide participants with essential knowledge, skills, and confidence to perform welding operations safely and efficiently in the workplace. This course ensures compliance with safety standards, enhances operational productivity, and minimizes risks associated with welding activities.
TARGET AUDIENCE	This course is tailored for: <ul style="list-style-type: none"> Line Managers Supervisors Workers involved in performing or monitoring welding activities
COURSE OBJECTIVES	Participants will learn: <ul style="list-style-type: none"> Understand the fundamentals of welding and its types Operate various welding equipment efficiently Identify and mitigate hazards associated with welding operations Implement safety practices throughout the welding process (prior, during, and after) Recognize roles and responsibilities in maintaining workplace safety Apply risk reduction and preventive measures effectively
COURSE CONTENTS	<ol style="list-style-type: none"> Introduction to Welding and Its Types Roles and Responsibilities: <ul style="list-style-type: none"> Employer Responsibilities Employee Responsibilities Fire Safety: <ul style="list-style-type: none"> Fire Prevention and Protection Measures Handling Combustible Materials, Fire Extinguishers, and Fire Watch Procedures Ventilation Techniques for Safe Welding Hazards of Welding: <ul style="list-style-type: none"> Secondary Health Effects Operating Hazards Before, During, and After Welding Activities Safety in Confined Spaces: <ul style="list-style-type: none"> Ventilation Methods for Confined Space Welding Safe Use of Equipment and Tools: <ul style="list-style-type: none"> Electrical Safety for Welding Tools and Power Equipment Manual Handling and Lifting Safety Personal Protective Equipment (PPE) for Welding Operations Welding at Height Safety Practices Risk Assessment and Safe Working Techniques
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 practical and theoretical evaluations to assess their understanding and competency in safe welding practices and workplace safety procedures.

