



ENGINEERING

MASTER CLASS



SHIELDED METAL ARC FILLET WELDER 191208



010 085 0918



www.zoneups.com



405 Cliff Ave, Waterkloofridge, Pretoria



BOOK NOW



2 Day Course



Classroom



Certificate of Attendance

ABOUT THIS COURSE

This SHIELDED METAL ARC FILLET WELDER course is designed to equip learners with the essential knowledge and practical skills required to perform high-quality fillet welds in various industrial environments.

The programme combines theoretical understanding with hands-on training, enabling learners to work with carbon steel and stainless steel using Shielded Metal Arc Welding (SMAW) techniques.

Participants will gain the ability to operate safely, interpret welding requirements, and produce welds in flat, horizontal, vertical, and overhead positions, preparing them for real-world production and fabrication environments.



Target Audience

- Students
- Beginners
- Apprentices
- Technicians
- Artisans
- Welders
- Trainees
- Operators
- Fabricators

PRICE

CLASSROOM: Request a Quote

Includes snacks and beverages – only applicable to classroom bookings)

DAY ONE

OVERVIEW

SMART ZONE

Introduction

- This course introduces learners to the fundamentals of welding, focusing on Shielded Metal Arc Welding (SMAW) techniques used in modern engineering and fabrication environments. It provides a strong foundation for individuals entering the welding trade.
- Course Overview

The SHIELDED METAL ARC FILLET WELDER

- course equips learners with both theoretical knowledge and practical skills to perform fillet welds on carbon steel and stainless steel in various positions. The programme is aligned with industry standards and workplace requirements.

Course Objectives

- To develop foundational welding knowledge
- To equip learners with practical welding skills
- To promote safe working practices
- To prepare learners for entry-level welding roles
- To ensure understanding of welding quality and standards

Programme Structure

- The course consists of both knowledge modules and practical training components. Learners will cover welding theory, safety, schematics, and hands-on welding practice to ensure full competency.

What You Will Learn

- Learners will gain knowledge in welding processes, safety procedures, weld types, joint preparation, and welding techniques. The course also covers identifying welding defects and applying corrective measures.

DAY TWO

OVERVIEW

SMART ZONE

Safety & Compliance

- Learners are trained in occupational health and safety practices, including hazard identification, use of personal protective equipment (PPE), and safe handling of welding equipment and materials.

Welding Techniques

- The course covers essential welding techniques such as arc control, electrode handling, weld pool management, and correct positioning to achieve high-quality welds.

Skills Development

- This programme develops critical technical skills, problem-solving abilities, and attention to detail required in welding and fabrication environments.

Career Opportunities

- Upon completion, learners can pursue roles such as Fillet Welder, General Welder, Fabrication Assistant, or Maintenance Welder in manufacturing and engineering industries.

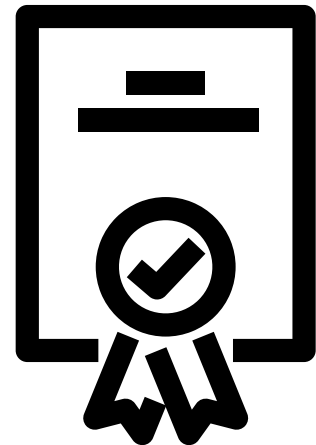
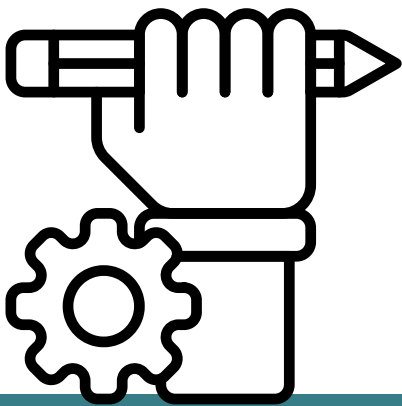
Entry Requirements

- Basic literacy and numeracy skills are recommended. No prior welding experience is required, making this course suitable for beginners.

Features of this Course

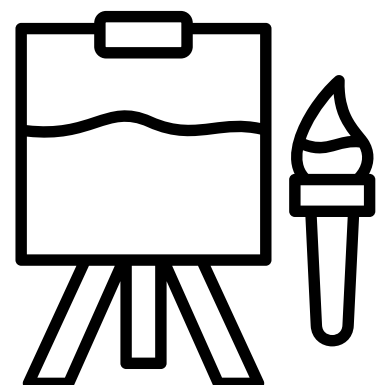
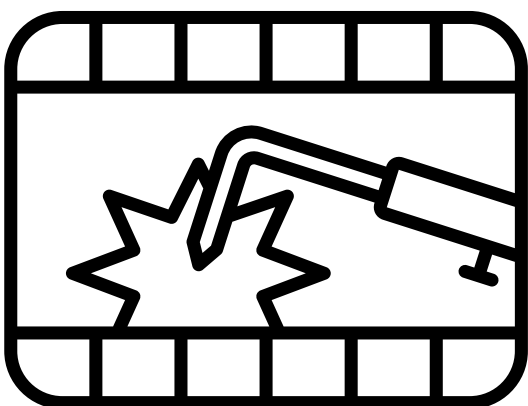
SMART ZONE

- industry-aligned welding curriculum (QCTO standard)
- Hands-on practical training with real equipment
- Training in all welding positions (FHVO)
- Focus on safety, quality, and compliance
- Covers both theory and practical components
- Exposure to welding standards and inspection techniques
- Suitable for beginners and entry-level learners



BENEFITS OF THIS SHORT COURSE

- Gain job-ready welding skills
- Improve employability in engineering and manufacturing sectors
- Ability to work in production and fabrication environments
- Strong foundation for advanced welding certifications
- Confidence to perform welding tasks safely and efficiently
- Understanding of industry standards and quality requirements
- Opportunity to build a career in a high-demand trade
-





SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

1. Register Online- www.zoneups.com
2. Select the training you prefer and the date you would like to attend.
3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

Request a Quotation

Accreditation



*South African
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And Health*



Services SETA



Fasset

Make the future count



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QCTO