



# Gas Metal Arc Welding Operator (MIG) NQF Level 2



15 Day Period



Classroom or  
Blended Learning



**merSETA**  
MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA

The Qualification Certificates are issued by MerSETA



Construction

Developing Businesses, People and  
Communities through **High-Impact Solutions**



### About this Skills Programme

**SAQA Qualification ID:**

SP 0843/13-17

**Minimum Credits:**

23

**NQF Level:**

2

**Duration:**

This Qualification is run over 15 Days

### Type of course

A credit bearing merSETA registered skills programme offered on a full-time basis over 15 days.

### Purpose of the course

This course is for any learner within the fabrication and welding fields and will ensure that they are capable of successfully welding work pieces using the gas metal arc welding process. Learners credited with this course will also be capable of describing the welding industry's composition within their own company in relation to their own and other people's roles within the company, its structures, productivity requirements and communication techniques.

### Course outline

Learners accredited with this course are able to identify and select materials used in the structural industry in accordance with laid down material specifications. Learners will be able to use welding definitions and symbols during welding preparation in accordance with job and industry requirements.

### Entry requirements

NQF Level 1 qualification or ABET Level 4.

## Course Programme

Unit Standard	Title	NQF Level	Credits
14722	Describe the welding industry's composition, its productivity requirements and communication techniques	2	5
14712	Identify and select material to specification	2	5
14713	Use welding definitions and symbols	2	5
243066	Weld carbon steel workpieces using the gas metal arc welding process in the down hand position	2	8

## Upon successful completion of the course, the learner will be proficient in the following areas:

- Describing the gas metal arc welding process and the related equipment.
- Identify materials to specification.
- Plan the identification process to identify materials to specification.
- Selecting, setting up and conducting pre-operational checks of gas metal arc welding equipment.
- Preparing workpieces prior to welding.

## Assessment method

To monitor progress and effectiveness of learning, continuous assessments (formative) are carried out by way of written tests and practical assignments, throughout the training.

### ACCREDITATION AND B-BBEE



CBM Training holds full institutional accreditation status with the Services SETA – accreditation number 0057.



CBM Training has a B-BBEE Level 2 certificate. We have been evaluated and audited by the BEE Verification Agency.

### GET IN TOUCH



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