



# Basic Welding Skills NQF Level 2



4 Week 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 0628/11-17

**Minimum Credits:**

35

**NQF Level:**

2

**Duration:**

This Qualification is run over 4 weeks

### Type of course

A credit bearing merSETA registered skills programme offered on a full-time basis over 4 weeks.

### Purpose of the course

The course is intended for people in the field of engineering and learners within the fabrication and welding field.

### Course outline

The structure of the course focuses on the skills and knowledge required within the fabrication and welding field.

### Entry requirements

Communication and Mathematical Literacy NQF Level 1.

## Course Programme

Unit Standard	Title	NQF Level	Credits
12477	Identify engineering materials, their characteristics and applications and common metal tests used in engineering	2	4
243072	Weld workpieces using the oxy-acetylene gas welding process in the down-hand position	2	10
243067	Cut materials using the oxy-fuel gas cutting process (manual cutting)	2	6
243063	Weld carbon steel work-pieces using the shielded metal arc welding process in the down-hand position	2	15

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

- Can identify the types, properties and common applications of ferrous and non-ferrous metals and demonstrate an understanding of common testing and treatment procedures.
- Describing and explaining the oxy-acetylene gas welding process.
- Describing the shielded metal arc welding process
- Selecting, assembling and conducting pre-operational checks of oxy-acetylene gas welding equipment.
- Preparing for the oxy-fuel cutting operation.
- Cutting the material.
- Preparing work pieces prior to welding.
- Welding metals with oxy-acetylene gas welding process in the down-hand position.

## 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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