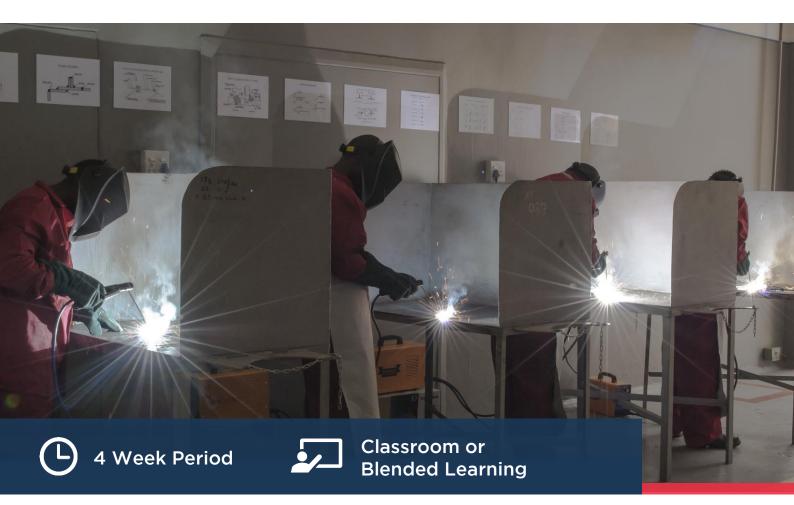




# Basic Welding Skills NQF Level 2





The Qualification Certificates are issued by MerSETA



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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