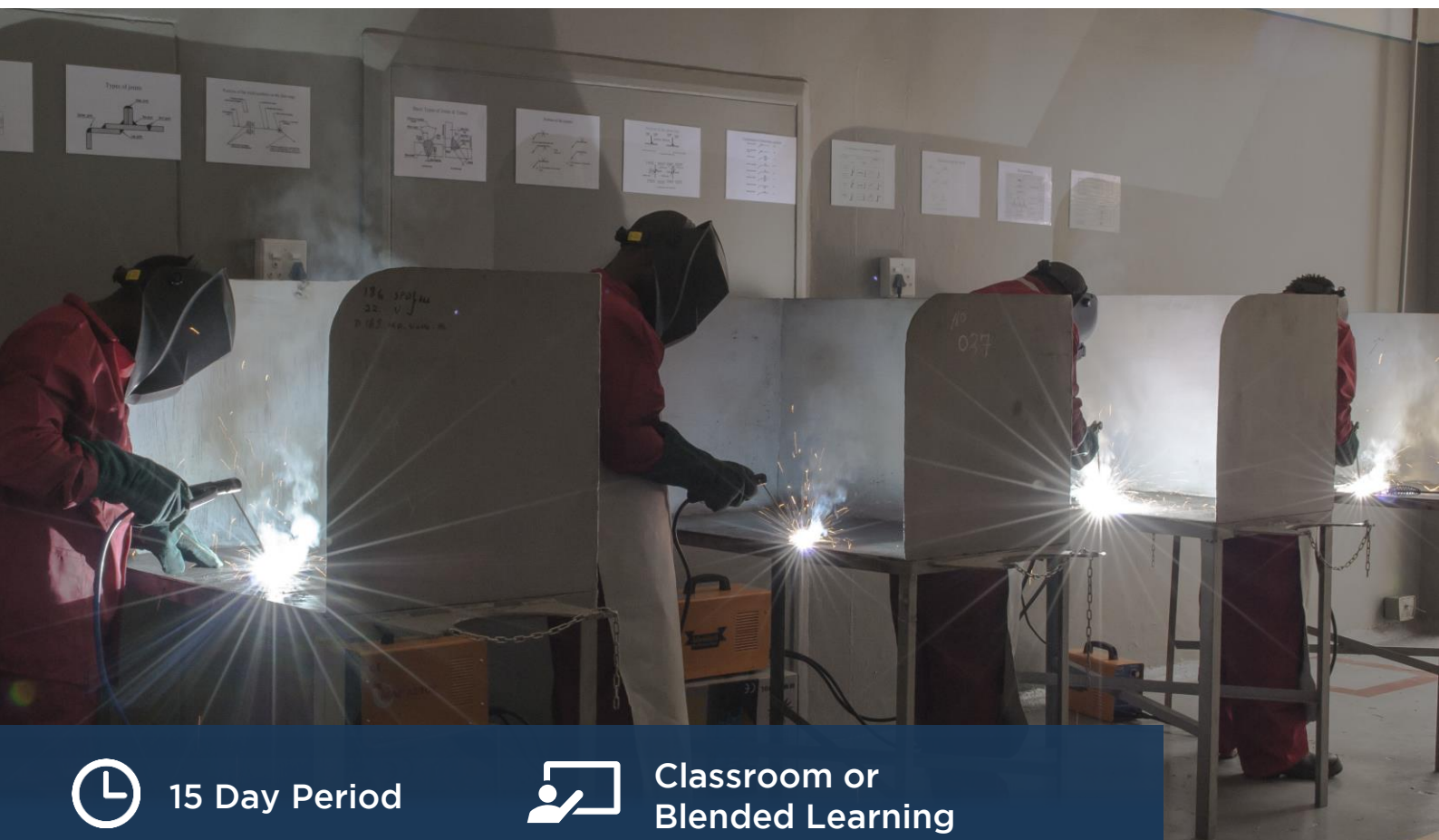




Gas Tungsten and Metal Arc Welding Skills NQF Level 4



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 0858/13-17

Minimum Credits:

36

NQF Level:

4

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

The course is suitable for people or learners within the fabrication and welding fields wanting to achieve relevant Gas Tungsten and Metal Arc Welding skills. Learners will be taught how to select and set up gas tungsten arc welding equipment, weld workpieces and inspect the welded pipes for defects.

Course outline

The structure of the course focuses on the skills and knowledge required to service, maintain, repair or manufacture a product by using relevant basic welding techniques as well as hand skills for Gas Tungsten and Metal Arc Welding Skills (TIG).

Entry requirements

A general Education and Training Certificate at NQF Level 1 or ABET Level 4.

Course Programme

Unit Standard	Title	NQF Level	Credits
243054	Weld carbon steel pipes, using the gas tungsten arc welding process in all positions	4	20
243085	Weld carbon steel workpieces, using the shielded metal arc and gas tungsten arc combination welding processes in all positions	4	8
243088	Weld carbon steel pipe, with a combination of welding processes using the gas tungsten arc welding and gas metal arc welding, in all positions	4	8

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

- Describing the gas tungsten arc welding process
- Describing the shielded metal arc and gas tungsten arc welding process
- Selecting and setting up the gas tungsten arc welding equipment
- Welding workpieces
- Inspecting welded pipes for defects

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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