



**JEPPE**  
**VOCATIONAL TRAINING CENTRE**  
MerSETA ACCREDITATION NO: 17-QA/ACC/1101/15

**NATIONAL CERTIFICATE: WELDING PRACTICES**

**1. Programme Structure**

National Certificate in welding and practices  
NQF LEVEL 2  
Duration: 8 Weeks  
Programme Accreditation: merSETA

**1.1 Purpose and Rationale of Qualification**

This qualification is designed to provide an opportunity for the learners to understand and be able to operate the basic engineering production machines in the sheet metal sector like the guillotine, sheering and press break machines, sheet metal rollers. These are skills required to operate in an industrial environment.

**1.2 career opportunities**

- Artisan
- Welder
- Self-employment

**1.3 Course structure**

**1<sup>st</sup> MONTH**

- safety
- Read engineering drawings
- Draw up a material list
- Use hand tools
- Grind a drill
- Identify special platers tool

**2<sup>ND</sup> MONTH**

- Identify materials
- Handle material safely
- Use oxy-acetylene cutting equipment
- Bead and weave weld
- Weld a fillet and corner joints
- Weld a butt-joint

**3<sup>RD</sup> MONTH**

- Temper and grind a chisel
- Fabricate a flat bar bracket
- Roll a flat bar ring
- Draw geometrical developments
- Braze a lap joint
- Develop a square pipe elbow, and pyramid

**Payment Requirements**

- Tuition fee: R7500
- 1 Ream of paper
- Student levy: R350

**NOTE:**

1. The tuition fee can be paid at once or in 3 monthly instalments.
2. No learner will receive his/her certificate before full payment of all the tuition fees is paid to the college account.

**1.4 Registration requirements: Guardian and learner certified ID copies, completed registration documents, proof of residence and a minimum of a grade 9 school reports.**

**Banking Details:Jeppe Vocational Training Centre: Standard Bank Account NO. 002498200 Branch Code 5205**