



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

NATIONAL CERTIFICATE IN BOILERMAKING/WELDING

1. Programme Structure

National Certificate in Boilermaking/welding
NQF Level: level 2
Qualification ID: 57881
Duration: 6 Weeks
Certifying body: 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

Upon successful completion of the course, the learner will be able to apply the skills acquired as;

- A Boilermaker
- A Sheet metal worker
- Can also be able to employ himself.

1.3 Course structure

1st MONTH

- Introduction to workshop safety
- Read engineering drawings
- Draw up a material list
- Use hand tools
- Grind a drill
- Identify special platters tool
- Operate a drilling and guillotine shearing machine

2nd MONTH

- Operate a portable grinder and a bending roll
- Identify materials
- Handle material safely
- Mark off a liner plate and an I-beam
- Use oxy-acetylene cutting equipment
- Bead and weave weld
- Weld a fillet and corner joints

3rd MONTH

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

Payment Requirements

- Tuition fee: R9500
- 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 school reports.

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