



MECHANICAL FITTER

Qualification Purpose

The purpose of this qualification is to prepare a learner to be able to fit, maintain and repair sub-assemblies and machines.

Foundational Learning Competence (SAQA Minimum Entry Level)

NQF Level 1 qualification with Mathematics

Trade Test Requirements

Learner should have passed:

- a) N2 Mathematics, Engineering Science, Engineering Drawing, Fitting & Machining Trade Theory
- b) N2 Certificate including the four relevant subjects of maths, engineering science and a fourth subject as required by the trade: or
- c) technical trade theory programs quality assured by a SETA deemed to be equivalent to NQF level 3 (N2); or
- d) Relevant Engineering NCV Certificate with seven subjects at NQF level 3; or
- e) Technical Grade 11 with Maths, Science, Language, and related trade theory subject; or
- f) Relevant (directly related to the trade theory subjects) N6 certificate or National Technical Diploma (T, S or N stream.)

In addition to the above-mentioned minimum educational qualification the applicant must also have:

- a) Successfully completed all off the job practical training unit standards (in the case of learnerships) or modules (in the case of an apprenticeship) of an artisan learning program at an accredited training provider as verifiable by training records (logbook).
- b) Satisfied the requirements of the structured workplace, on the job, learning for a minimum period of 12 months verifiable through a workplace learning record (e.g. logbook) unless any other workplace period has been contractually specified before the date of publication of this Regulation.

Note: A Logbook is a record of all training the learner has received, contributing to their portfolio of evidence.

Skills Obtained as Outcomes

The primary focus of this curriculum is to develop the ability to repair and install complex mechanical assemblies and diagnose and repair equipment and machinery during production/operation.

Qualification Outcome

Qualified Fitter (red seal) Internationally Recognised

Types of Jobs Pertaining to the Trade

- Entrepreneur / Contractor
- as an employee in any of the industries listed

Industries where they can work if qualified.

- Mining
- Manufacturing
- Anywhere fixed plant is used and needs to be maintained.

Approximate Trade Duration:

Off the job practical training

- Phase 1 – Duration – 12 Weeks
- Phase 2 – Duration – 12 Weeks
- Phase 3 – Duration – 8 Weeks
- Phase 4 – Duration – 4 Weeks (Revision and Trade Test)

Workplace (on the job) experience

- 18 months. Registered learner with a SETA.
- 3 years ARPL route.

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National Campuses:

Head Office: Corner Georginia and Paul Kruger Street, Horison, Roodepoort, 1724 | Tel: 011-472 3443/4/5

Gauteng: Cnr Main Reef & Elias Motosaledi Roads, Roodepoort, 1724 | Tel: 011-472 3443/4/5

KwaZulu Natal: Oribi East Flats Road, Oribi Gorge, Port Shepstone, 4340 | Tel: 010-109 7605

Northern Cape: 1 Molyneaux Road, Beaconsfield, Kimberley, 8315 | Tel: 053-110 0200/1

Northern Cape: Shop No. 1 Tlhabane Road, Mothibistad Complex, Kuruman, 8460 | Tel: 053 773 1203