



# FITTER & TURNER

## Qualification Purpose

The purpose of this qualification is to prepare a learner to fabricate metal parts, fit, assemble, maintain, and repair mechanical components, sub-assemblies, and machines. A qualified learner will be able to:

- Apply hand skills to fabricate mechanical components using engineering tools.

## Foundational Learning Competence (SAQA Minimum Entry Level)

NQF Level 1 qualification with Mathematics and Science

## 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
- b) an accredited training provider as verifiable by training records (logbook). 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 qualification is to develop the ability to produce components of some complexity using a variety of machining methods and the ability to fault find, dismantle, maintain, repair, and install complex mechanical assemblies and diagnose and repair equipment and machinery during production/operation. Hand skills play a large role in this qualification.

### **Qualification Outcome**

Qualified Fitter & Turner (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 parts need to be machined/manufactured to maintain the equipment.

### **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 Motsoaledi 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