



MILLWRIGHT

Qualification Purpose

The purpose of this qualification is to prepare a learner to operate as a Millwright. A Millwright installs, maintains, troubleshoots, and repairs stationary industrial machinery in production and manufacturing environments. A qualified learner will be able to:

- Fit, adjust, and maintain industrial machinery.
- Diagnose, find, and repair faults in industrial machinery.
- Install, test and commission industrial machinery.

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, Industrial, Electronics, Electrical Trade Theory, 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

- Fit, adjust, and maintain industrial machinery.
- Diagnose, find, and repair faults in industrial machinery.
- Install, test and commission industrial machinery.

Qualification Outcome

Qualified Millwright (red seal)

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
- Agriculture
- Civil
- Anywhere that fitting and electrical tasks are required to be completed.

Approximate Trade Duration:

Off the job practical training

- Phase 1 – Duration – 25 Weeks
- Phase 2 – Duration – 24 Weeks
- Phase 3 – Duration – 16 Weeks
- Phase 4 – Duration – 4 Weeks (Revision and Trade Test)

Workplace (on the job) experience

- 18 to 24 months. Registered learner with a SETA.
- 3 years ARPL route.

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