

Building Construction Learnerships

NQF4 FET Certificate: Plumbing

SAQA ID
58782

PURPOSE

The purpose of the learnership is to develop the technical skills required as a Plumber operating within the National Building Regulations and industry codes of practice, legislative, safety and quality systems, which govern the workplace.

Completion of this qualification relates to the Organising Framework for Occupations (OFO) in that it reflects the competencies of occupational designation 334101 Plumber (General).

Core unit standards

- Identify responsibilities of a team leader in ensuring that organisational standards are met
- Install and maintain soil, waste and vent pipe systems
- Install, maintain and repair sanitaryware appliances
- Install, maintain and test below ground drainage systems
- Install, maintain and test cold water supply systems
- Install, maintain and test hot water supply systems
- Install, maintain and test Rainwater Systems
- Monitor the application of safety, health and environmental protection procedures
- Perform building works
- Procure resources for construction works

Elective unit standards

- Apply basic business concepts
- Identify causes of stress and techniques to manage it in the workplace
- Fabricate and install sheet metal components
- Install and maintain solar water heating systems
- Install specialised hospital sanitary ware systems
- Manage time productively
- Managing self-development
- Perform specialised fault-finding and repairs to plumbing systems
- Apply efficient time management to the work of a department/division/section
- Build teams to meet set goals and objectives
- Conduct on-the-Job-Training
- Conduct outcomes-based assessment
- Empower team members through recognising strengths, encouraging participation in decision making and delegating tasks
- Monitor, reflect and improve on own performance

Fundamental unit standards

- Accommodate audience and context needs in oral/signed communication
- Interpret and use information from texts
- Use language and communication in occupational learning programmes
- Write/present/sign texts for a range of communicative contexts
- Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems
- Engage in sustained oral/signed communication and evaluate spoken/signed texts
- Read/view, analyse and respond to a variety of texts
- Represent analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts
- Use language and communication in occupational learning programmes
- Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues
- Write/present/sign for a wide range of contexts