

Specialisation Construction Learnerships

NQF3 Construction Health and Safety

SAQA ID
77063

PURPOSE

The purpose of this learnership is to develop a broad understanding and knowledge of Occupational Health, Safety and Environmental legislation and controls.

The focus of this programme is to enable learners to responsibly, independently and effectively manage themselves on construction sites with regards to generic health and safety issues. Learners will be able to identify and evaluate occupational safety, hygiene and environmental factors in occupational environments which may have a detrimental effect on the health and safety of people in such environments.

Core unit standards

- Apply health and safety to a work area
- Use a Graphical User Interface (GUI)-based presentation application to prepare and produce a presentation according to a given brief
- Use a Graphical User Interface (GUI)-based spreadsheet application to create and edit spreadsheets
- Use a Graphical User Interface (GUI)-based word processor to format documents
- Use electronic mail to send and receive messages
- Work in confined spaces on construction sites
- Conduct a continuous risk assessment in a workplace
- Conduct an investigation into workplace incidents
- Demonstrate knowledge pertaining to the preparation, conducting, recording and follow-up actions of a planned task observation in a working place
- Implement safety procedures for open hole or deep excavations
- Monitor, report and advise on the application of safety and health principles regarding the movement of people and materials in and around a working place
- Monitor, report and make recommendations pertaining to specified requirements in terms of working at heights
- Provide primary emergency care/first aid as an advanced first responder
- Respond to, implement and manage emergencies according to an emergency action plan in a workplace
- Use a GUI-based word processor to enhance a document through the use of tables and columns
- Conduct a Task Analysis and take appropriate action to address identified risks
- Demonstrate knowledge and understanding of relevant current occupational health and safety legislation
- Monitor and make recommendations on the application of health and safety principles regarding hazardous substances in the working place
- Monitor and make recommendations on the application of health and safety principles regarding lifting equipment in the working place
- Monitor and make recommendations on the application of health and safety principles regarding pressure vessels and pressure systems in the working place
- Monitor, report and make recommendations on the requirements applicable to permit to work systems in a working environment

Elective unit standards

- Demonstrate knowledge of and apply regulatory requirements pertaining to crane operation
- Participate in the implementation and evaluation of a safety and health management programme in the workplace
- Sling and communicate during crane operations
- Use a Graphical User Interface (GUI)-based web-browser to search the Internet
- Measure noise levels, and take appropriate action
- Demonstrate an understanding and implement environmental initiatives on a construction project

Fundamental unit standards

- Accommodate audience and context needs in oral/signed communication
- Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations
- Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts
- Interpret and use information from texts
- Investigate life and work related problems using data and probabilities
- Use language and communication in occupational learning programmes
- Use mathematics to investigate and monitor the financial aspects of personal, business and national issues
- Write/present/sign texts for a range of communicative contexts