

Civil Construction Learnerships

NQF4 Supervision of Construction Processes (Civils Foreman)

SAQA ID
49053

PURPOSE

Pipe Laying Stream

The purpose of this learnership is to develop essential leadership skills required for a competent pipelaying foreman.

The focus of this programme is to enable learners to develop competence in the supervision and motivation of pipelaying work teams, applying information from contract documentation, drawings and specifications.

To set out construction site tasks and supervise the execution of pipelaying projects in terms of effective planning, organizing, controlling and utilization of resources on a construction project to industry productivity, quality, environment and health and safety standards.

Core unit standards

- Comply with legal requirements for a construction contract
- Calculate construction quantities and develop a work plan
- Demonstrate an understanding and implement environmental initiatives on a
- Describe and interpret the composition, role-players, processes and role of the
- Implement a quality management system, project quality plan and a quality
- Lead and supervise construction teams
- Monitor and control cost and production of construction work activities and
- Perform site administration functions
- Read, interpret and use construction drawings and specifications
- Supervise health and safety on a construction project
- Supervise the procurement, use and storage of construction materials
- Apply contract documentation

Elective unit standards all streams

- Set out construction work areas
- Identify describe and use materials in civil engineering construction

Elective unit standards Pipe Laying stream

- Organize and control the utilization of plant and equipment in civil engineering construction
- Organize and control the construction of bulk earthworks
- Plan, organise and control the installation of pressure and gravity drainage pipes
- Organise and control the installation of jacked pipes

Fundamental unit standards

- Demonstrate knowledge of and produce computer spreadsheets using basic
- Demonstrate knowledge of and produce word processing documents using basic
- Accommodate audience and context needs in oral communication
- Interpret and use information from texts
- Use language and communication in occupational learning programmes
- Write texts for a range of communicative contexts
- Apply knowledge of statistics and probability to critically interrogate and effectively
- Engage in sustained oral communication and evaluate spoken texts
- Measure, estimate & calculate physical quantities & explore, critique & prove
- Read analyse and respond to a variety of texts
- Use language and communication in occupational learning programmes
- Use mathematics to investigate and monitor the financial aspects of personal,
- Write for a wide range of contexts