

Qualification Information:	Qualification Title	Skills Programme ID	NQF Level			Credits
Curriculum Code:	Skills Programme: Plumbing Hand	SP-210403	03			49
Knowledge Component			Notional Hours	Implementation Schedule (8 Hourly)	Assessment Schedule	Training Venues
64260642601-000-00-SP02-KM-01,	Health, Safety, Quality & Legislation Level 3,Cr 2	20 Hours	3 Days	1 day	Main Campus	
642601-000-00-SP02-KM-02	Environment, Energy Efficiency and Ethics NQF Level 4, Cr 2	20 Hours	3 Days	1 day	Main Campus	
642601-000-00-SP02-KM-03	Tools, Equipment, Components and Site, Practice, NQF Level 3,, Cr3	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02- KM-04	Drawings and Applied Sciences, NQF Level 3, Cr 3	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02- KM-05,	Theory of Water and Drainage Systems, NQF Level 4, Cr 3.	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02- KM-06,	Above and Below Ground Drainage, NQF Level 3, Cr 3	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02- KM-07,	Sanitary fixtures, NQF Level 4, Cr 3.	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02- KM-08,	Hot and cold- water systems, NQF Level 3, Cr 3.	30 Hours	4 Days	1 day	Main Campus	
642601-000-00-SP02-KM-09,	Installation and Maintenance Theory for Plumbing Systems, NQF Level 4, Cr 3.	30 Hours	4 Days	1 day	Main Campus	
Practical Component			(8- Hourly Training sessions)			
642601-000-00-SP02-AM-01,	Install and Maintain Above Ground Soil Waste and Vent Pipe Systems, Terminal Fittings and Sanitary Fixtures, NQF Level 3, Cr 7.	70 hours	9 Days	1 day	Plumbing Workshop	
642601-000-00-SP02-AM-02	Install and Maintain Below-Ground Drainage Systems, NQF Level 3, Cr 7	70 hours	8 Days	1 day	Plumbing Workshop	
642601-000-00-SP02-AM-03,	Install, Maintain and Repair Cold- water systems NQF Level 3, Cr 10	100 hours	10 Days	1 day	Plumbing Workshop	

General Information

Skills Programme Rationale

This skills programme prepares a learner to operate as a Plumbing Hand.

The qualifying learner will be able to install, repair and maintain, water pipes, drainage pipe systems, sanitary fixtures (water closet, wash hand basin, bidet, bath, shower and sink) under supervision of a qualified Plumber.

Purpose

The purpose of this skills programme is to prepare a learner to operate as a Plumbing Hand.

A Plumbing Hand installs, repairs and maintains, water pipes, drainage pipes systems, sanitary fixtures (water closet, wash hand basin, bidet, bath, shower and sink) under supervision of a qualified Plumber.

Minimum entry requirements

Open Entry

Continuous Assessment

- Discuss and explain relevant Health, Safety, Quality and Legislation in support of the plumbing occupation
- Discuss and explain the importance of environmental sustainability and energy efficiency factors impacting on undertaking business operations and processes in an environmentally sustainable and responsible manner
- Discuss and explain the theory required for the use of tools, equipment, materials, components and workshop practices in the

execution of plumbing activities

- Discuss and explain the theory required for interpreting drawings and determining how science is applied in the practise of plumbing
- Discuss and explain the theory of water and drainage required for the practise of plumbing
- Discuss and explain the theory of all above and below ground drainage systems required for the practise of plumbing
- Discuss and explain the theory of sanitary fixtures and appliances and processes required for the practise of plumbing
- Discuss and explain the theory of cold-water and hot water systems required for the practise of plumbing
- Discuss and explain the maintenance and repair theory required for the practise of plumbing

Supervised Assessment

- The techniques, methods, sequencing and procedures are implemented to install and maintain above ground soil waste and vent pipes, terminal fittings and sanitary fixtures (Terminal fittings and sanitary fixtures may include but are not limited to taps, cisterns, water pipes, valves and isolating valves, baths, bidets, washbasins and sinks)
- The techniques, methods, sequencing and procedures are implemented to install and maintain and test below-ground drainage systems
- The techniques, methods, sequencing and procedures are

implemented to install, maintain and repair cold-water and hot water pipes and fittings

Course Requirements:

- Study Material / Log Book

Work Opportunities/further learning

The qualifying learner will be able to gain employment by offering plumbing hand services assisting qualified plumbers, Qualifying learners may also gain access to further learning opportunities in the career path to achieve the full Plumber trade qualification at NQF Level 4.

Fees

- Registration Fees: **R1000**
- Deposit fees:**R3000**
- Total Fees: : **R19,500**

Duration: 61 Days

Skills Programmes

There is no **EISA** for skills programmes. Instead, the skills programme document gives the specifications for a **Final Integrated Supervised Assessment (FISA)** instrument that learners will need to complete. The SDP is responsible for setting and moderating the **FISA**.

The SDP needs to submit skills programme results to the QCTO within 21 days.

The assessment and moderation process must still be quality assured by the QCTO before the learners can be certificated. The Assessment team samples learners and looks at the tool and moderation reports.

FISA

A decentralised **Final Supervised Assessment** takes place for historically registered qualifications (in addition to the current PoE practice), as well as for **QCTO** Skills Programmes.

CERTIFICATION

SDPs are not allowed to print their own certificates for occupational qualifications. Certificates are issued by the QCTO's secure CVS certification system.