



OCCUPATIONAL CERTIFICATE: WATER RETICULATION PRACTITIONER

SAQA ID: 102581 – NQF LEVEL 4

STUDENT GUIDE: MODULE 2

MODULE 2: 642605001-KM-02: THE WORLD OF THE WATER RETICULATION PRACTITIONER

2.1. Overview

Code	Topic	Percentage
KM-02-KT01	INTRODUCTION TO THE WATER RETICULATION PRACTITIONER OCCUPATION KT0101 – World of work for water reticulation practitioner KT0102 – Career opportunities of a water reticulation practitioner KT0103 – Stakeholders	16%
KM02-KT02	REGULATORY FRAMEWORK KT0201 – SANS10252 Part I KT0202 – Municipal and/or local authority bylaws KT0203 – Regulations controlling water usage KT0204 – Consumer Protection Act KT0205 – SANS1936-3 (Development of Dolomite Land) Part 3 (Design and construction of buildings, structures, and infrastructure)	42%
KM02-KT03	OCCUPATIONAL HEALTH AND SAFETY KT0301 – Legislation and regulations for workplace safety KT0302 – Safety precautions and safe practices for working in the water reticulation sector KT0303 – Personal protective equipment KT0304 – Safety symbols and colour coding KT0305 – Fundamentals of isolating and locking out equipment and processes KT0306 – Fundamentals of securing worksites KT0307 – Causes, prevention, and control of fires KT0308 – Hazard identification and risk principles KT0309 – Environmental protection and pollution concepts KT0310 – First aid KT0311 – Incident reporting KT0312 – Evacuation procedures KT0313 – Working at heights (use of harness) KT0314 – Company or worksite safety procedures KT0315 – Firefighting (electrical fires) KT0316 – Roles and responsibilities of a health and safety representative KT03017 – Working in enclosed and confined spaces KT0318 – Emergencies in work situations (including electric shock)	42%

2.2. Learning outcomes

Module	Learning Outcomes
KM-02-KT01	<ul style="list-style-type: none"> ▪ Describe and explain the scope of work of a water reticulation practitioner ▪ Describe and explain the job environment and workplace roles of the water reticulation practitioner ▪ Describe the profile of a water reticulation practitioner with respect to industry descriptions, career path progression and requirements ▪ Identify and describe the various stakeholders that the water reticulation practitioner interacts with
KM02-KT02	<ul style="list-style-type: none"> ▪ Discuss sections of SANS10252 Part I relevant to the WRP ▪ Discuss the importance of municipal and/or local authority by-laws for the WRP ▪ Discuss regulations controlling water usage ▪ Discuss the consequences for the WRP of not adhering to policy and procedures, in terms of the CPA ▪ Discuss sections of SANS1936-3 relevant to WRP
KM02-KT03	<ul style="list-style-type: none"> ▪ Describe and explain the application of legislation for working with electrical and other equipment used by the Water Reticulation Practitioner ▪ Identify various types of personal protective equipment and describe their uses ▪ Describe and explain the difference between acts and regulations and the responsibilities of the various role players ▪ Describe the role players and the application of the relevant health and safety regulations in the workplace ▪ Identify and describe safety signs in terms of associated risk and safe conduct • IAC0306 Explain the inter-relationship between workplace safety and a productive work environment ▪ Identify various types of hazardous waste (asbestos cement) and describe the consequences and impact of incorrectly disposing of waste ▪ Describe environmental regulations for the disposal of relevant hazardous waste ▪ Describe the attributes, characteristics, and properties of electrical fire types of fires ▪ Describe fire prevention, operation of fire-fighting equipment and basic fire-fighting procedures ▪ Describe basic first aid procedures ▪ Describe the characteristics of various injuries and explain the consequences and implications of a variety of injuries ▪ Describe basic risk assessment and hazard identification procedures ▪ Describe the dangers and precautions pertaining to working at heights ▪ Describe dangerous situations, practices, and equipment ▪ Describe emergency procedures in own work situation ▪ Describe the risks of and mitigating measures for working in enclosed and confined spaces