



OCCUPATIONAL CERTIFICATE: WATER RETICULATION PRACTITIONER

SAQA ID: 102581 – NQF LEVEL 4

MODULE 6

## Module 6 - Module Information

| Module     | Learning Outcomes  |
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| KM-06-KT01 | <ul style="list-style-type: none"> <li>• Describe the different types of pipes in terms of their features, properties, applications, and grades</li> <li>• Explain the various terms associated with pipes</li> <li>• Explain the importance of knowing the working pressure of pipes</li> <li>• Discuss the following: pipe sizes, pipe lengths, classes of pipes and pipe nominal diameters</li> <li>• Describe the different types of pipe ends</li> <li>• Describe the fittings associated with pipes and their operational functions and purposes</li> <li>• Explain the various terms associated with fittings</li> <li>• State the normal rules for matching fittings to pipes</li> <li>• Describe the various corrosion protection measures for pipes</li> <li>• Identify and describe the various measuring instruments used for piping work</li> <li>• Explain the measurements associated with pipes</li> <li>• Describe transport, handling and storage procedures for pipes and fittings</li> <li>• Describe the procedures to sling pipes</li> </ul> |
| KM-06-KT02 | <ul style="list-style-type: none"> <li>• Describe the procedures to prepare to join pipes and fittings</li> <li>• Describe the problems that can arise and suggest appropriate corrective action</li> <li>• Describe the procedures to fit couplings to AC pipes</li> <li>• Describe the procedures to join uPVC pipes</li> <li>• Describe the procedures to join HDPE pipes</li> <li>• Describe the procedure to join galvanised pipes</li> </ul>   |

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|  | <ul style="list-style-type: none"><li>• Describe mechanical joints</li><li>• Describe tapping systems</li></ul> |
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