

# **SAQA QUALIFICATION ID: 49053**

# TITLE: NATIONAL CERTIFICATE: SUPERVISION OF CONSTRUCTION PROCESSES

# **NQF** Level 4

UNIT STANDARD DESCRIPTION
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 construction project
Describe and interpret the composition, role-players, processes and role of the construction industry
Implement a quality management system, project quality plan and a quality improvement process on a construction project
Lead and supervise construction teams
Monitor and control cost and production of construction work activities and implement productivity improvements
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
Identify describe and use materials in civil engineering construction
Implement labour intensive construction systems and techniques
Interpret test/lab results in civil construction
Organize and control concreting activities
Organize and control the utilization of plant and equipment in civil engineering construction
Plan organize and control the installation of drainage structures for stormwater flow
Plan, organise and control the construction of stabilized and unstabilized pavement layers
Set out construction work areas

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SAQA ID	UNIT STANDARD DESCRIPTION
15165	Use labour intensive construction methods to construct and maintain roads and stormwater drainage
15159	Use labour intensive construction methods to construct and maintain water and sanitation services
15166	Use labour intensive construction methods to construct, repair and maintain structures
15169	Organize and control the construction of bulk earthworks
15161	Initiate testing and interpret test/lab results in civil construction
15192	Plan, organise and control bituminous surfacing seal construction
7572	Demonstrate knowledge of and produce computer spreadsheets using basic functions
7568	Demonstrate knowledge of and produce word processing documents using basic functions
8968	Accommodate audience and context needs in oral communication
8969	Interpret and use information from texts
8973	Use language and communication in occupational learning programmes
8970	Write texts for a range of communicative contexts
9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems
8974	Engage in sustained oral communication and evaluate spoken texts
12417	Measure, estimate & calculate physical quantities & explore, critique & prove geometrical relationships in 2 and 3 dimensional space in the life and workplace of adult with increasing responsibilities
8975	Read analyse and respond to a variety of texts
8979	Use language and communication in occupational learning programmes
7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues
8976	Write for a wide range of contexts

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