



MAURITIUS QUALIFICATIONS AUTHORITY

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**NATIONAL CERTIFICATE**

**LEVEL 4**

**IN**

**BUILDING CONSTRUCTION**

# **National Certificate Level 4 in Building Construction**

1. **Level of qualification:** 4
2. **Total Credits:** 104
3. **Review date:** October 2025
4. **Access to qualification**

## **4.1 Entry information**

National Certificate Level 3 in the field of construction

or

An alternative qualification at Level 3 of the NQF

## **4.2 Recognition of Prior Learning (RPL)**

Potential candidates holding a qualification at NQF Level 3 and at least 3 years of working experience in the relevant field may access this qualification through Recognition of Prior Learning (RPL) process..

## **4.3 Award of qualification requirements**

<b>Unit No.</b>	<b>Unit Standard Title</b>	<b>Level</b>	<b>Credit</b>
<b>Basic Workshop Skills and First Aid</b>			
1	Demonstrate knowledge of and apply health and safety procedures in the workshop	4	1
2	Provide First Aid	4	1
<b>Materials Science &amp; Concrete Technology</b>			
3	Demonstrate knowledge of construction materials	4	1
4	Demonstrate knowledge of concrete technology	4	2
<b>Site Organization and Preliminary Works</b>			
5	Apply general safety precautions on construction site	4	1
6	Organize work area	4	1

7	Perform preliminaries for construction	4	2
8	Carry out tasks for provision of amenities and utilities on site	4	2
<b>Setting-Out, Levelling and Excavation</b>			
9	Perform levelling works	4	2
10	Perform setting-out for construction works	4	2
<b>Scaffolding</b>			
11	Demonstrate knowledge of Safety and health regulations for scaffolding	4	2
12	Erect non-notifiable prefabricated scaffolding	4	2
13	Erect timber scaffold	4	2
<b>Excavation</b>			
14	Perform deep excavation works with all safety precautions	4	3
<b>Formwork and shuttering</b>			
15	Construct shuttering and shoring	4	3
16	Construct formwork for different building components	4	3
17	Prepare and fix reinforcement for different types of concrete elements	4	3
<b>Blockwork</b>			
18	Construct curved and reinforced block walls	4	3
<b>Reinforced Concrete Works</b>			
19	Construct foundations and substructure	4	3
20	Construct reinforced concrete walls	4	3
21	Construct reinforced concrete columns and corbels	4	2
22	Construct reinforced concrete beams and lintels	4	2
23	Construct reinforced concrete slabs and staircase	4	3
<b>Finishing Works</b>			
24	Render beams and ceilings	4	2
<b>Tiling</b>			
25	Perform complex tiling works	4	3

<b>External Works</b>			
26	Construct manholes and drainage systems	4	2
<b>Repair and Maintenance Works</b>			
27	Perform demolition works safely	4	2
28	Repair damaged concrete and tiling	4	2
<b>Supervisory Skills</b>			
29	Perform basic cost estimates for basic construction activities	4	2
30	Apply quality control measures in building construction works	4	3
31	Demonstrate supervisory skills	4	2
32	Produce basic two-dimensional construction drawings using Computer-Aided Design (CAD) software	4	3
<b>Associated Studies</b>			
33	Demonstrate effective communications skills	4	8
34	Demonstrate mathematical skills and knowledge	4	4
35	Demonstrate technical drafting skills	4	8
36	Demonstrate good work ethics	4	1
37	Demonstrate knowledge of and apply safety and health measures	4	1
38	Demonstrate knowledge of entrepreneurship development	4	2
39	Demonstrate knowledge of sustainable development	4	1
40	Demonstrate understanding and use of information technology	4	4
41	Demonstrate knowledge of citizenship education	4	1
42	Demonstrate knowledge and basic performance skills in two physical activities	4	4
<b>Total Credits</b>		<b>104</b>	

## 5. Purpose

This qualification is intended for people wishing to pursue a career in Building Construction. People awarded with this qualification would have acquired knowledge and skills to operate as skilled masons and undertake the following:

- Setting out, levelling and deep excavation

- Scaffolding erection, use and dismantling
- Formwork and shuttering
- Reinforcement works
- Block work
- Reinforced concrete works
- Finishing works
- Tiling works
- Paving works and Construction of drainage systems