



MAURITIUS QUALIFICATIONS AUTHORITY

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**NATIONAL CERTIFICATE**

**LEVEL 3**

**IN**

**BUILDING CONSTRUCTION**

# **National Certificate Level 3 in Building Construction**

1. **Level of qualification:** 3
2. **Total Credits:** 103
3. **Review date:** October 2025
4. **Access to qualification**

## **4.1 Entry information**

National Certificate of Education (NCE)/9<sup>th</sup> Grade of the Nine Year Continuous Basic Education (NYCBE)

or

An alternative qualification at Level 2 of the NQF

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

Potential candidates holding 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	Apply health and safety procedures in the workshop	3	2
2	Perform basic workshop operations	3	3
3	Provide First Aid	3	1
<b>Materials Science and Concrete Technology</b>			
4	Demonstrate knowledge of construction materials	3	1
5	Demonstrate knowledge of concrete technology	3	3
<b>Site Organization and Preliminary Works</b>			
6	Observe general safety precautions on construction site	3	2
7	Organize work area	3	1

8	Perform preliminaries for construction	3	2
9	Demonstrate knowledge of site clearance and removal of top soil	3	2
10	Demonstrate knowledge of different parts of a building structure	3	1
<b>Setting-Out and Levelling</b>			
11	Perform levelling works	3	2
12	Perform basic setting-out for construction works	3	2
<b>Scaffolding</b>			
13	Demonstrate knowledge of Safety and health regulations for scaffolding	3	2
14	Erect non-notifiable prefabricated scaffolding	3	3
<b>Excavation</b>			
15	Perform manual excavation works	3	2
<b>Formwork</b>			
16	Construct formwork for different building components	3	4
<b>Reinforcement Works</b>			
17	Measure, cut, bend and tie reinforcement bars	3	2
18	Prepare and fix reinforcement for different types of concrete elements	3	5
<b>Blockwork</b>			
19	Identify and select blocks	3	1
20	Construct block walls	3	5
<b>Reinforced Concrete Works</b>			
21	Construct foundations and substructure	3	4
22	Construct reinforced concrete columns	3	2
23	Construct reinforced concrete beams and lintels	3	2
24	Construct precast concrete elements using moulds	3	2
<b>Finishing and Tiling Works</b>			
25	Perform rendering and screeding	3	4
26	Perform basic tiling works	3	4
<b>External Works</b>			
27	Perform masonry & concrete works for drainage systems	3	3

28	Perform paving works and lay kerbs	3	3
<b>Associated Studies</b>			
29	Demonstrate effective communications skills	3	8
30	Demonstrate mathematical skills and knowledge	3	4
31	Demonstrate technical drafting skills	3	8
32	Demonstrate good work ethics	3	1
33	Demonstrate knowledge of and apply safety and health measures	3	1
34	Demonstrate knowledge of entrepreneurship development	3	2
35	Demonstrate knowledge of sustainable development	3	1
36	Demonstrate understanding and use of information technology	3	4
37	Demonstrate knowledge and basic performance skills in two physical activities	3	4
<b>Total Credits</b>		<b>103</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 semi-skilled masons and undertake the following:

- Site organization and preliminary works
- Setting out, levelling and 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