



**Maldives National Skills Development Authority**



# **National Competency Standard for Construction Site Supervision**

**Standard Code: CON21S17V1**

**Qualification Name: National Certificate III in Construction Site Supervision  
Qualification Code: CON21SQ1L317**

## KEY FOR CODING

### Coding Competency Standards and Related Materials

DESCRIPTION	REPRESENTED BY
Industry Sector as per ESC (Three letters)	Construction Sector ( <b>CON</b> ) Fisheries and Agriculture Sector ( <b>FNA</b> ) Transport sector ( <b>TRN</b> ) Tourism Sector ( <b>TOU</b> ) Social Sector ( <b>SOC</b> ) Foundation ( <b>FOU</b> )
Competency Standard	<b>S</b>
Occupation within an industry Sector	<b>Two digits 01-99</b>
Unit	<b>U</b>
Common Competency	<b>1</b>
Core Competency	<b>2</b>
Optional/ Elective Competency	<b>3</b>
Assessment Resources Materials	<b>A</b>
Learning Resources Materials	<b>L</b>
Curricula	<b>C</b>
Qualification	<b>Q1, Q2 etc</b>
MNQF level of Qualification	<b>L1, L2 etc</b>
Version Number	<b>V1, V2 etc</b>
Year of endorsement of standard, qualification	<b>By two digits Example- 07</b>

**1. Endorsement Application for Qualification 03****2. NATIONAL CERTIFICATE III IN ASSISTANT SITE SUPERVISOR FOR BUILDING CONSTRUCTION**

<b>3. Qualification code:</b> CON21SQ1L317	<b>Total Number of Credits: 40</b>
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**4. Purpose of the qualification**

This qualification is designed to meet the needs of site managers and supervisors in the building and construction industry. It includes core competency units that cover common skills for the construction industry.

<b>5. Regulations for the qualification</b>	National Certificate III in Site Supervisor for Building Construction Qualification will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9+10
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**6. Schedule of Units**

<b>Unit Title</b>	<b>Unit Title</b>	<b>Code</b>
1	Observe personal and workplace hygiene practices	CON21S1U01V1
2	Practice effective workplace communication	CON21S1U02V1
3	Perform computer operations	CON21S1U03V1
4	Promote team effectiveness	CON21S1U04V1
5	Manage occupational health and safety in the building and construction workplace	CON21S1U05V1
6	Work discipline management	CON21S1U06V1
7	Conduct on-site supervision of building and construction projects	CON21S1U07V1
8	Apply legal requirements to building and construction projects	CON21S1U08V1

9	Arrange resources and prepare for the building or construction project	CON21S1U09V1
10	Minimise waste on the building and construction site	CON21S1U10V1
<b>7. Accreditation requirements</b>	The training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment.	
<b>8. Recommended sequencing of units</b>	As appearing under the section 06	

## 1. Endorsement Application for Qualification 04

### 2. NATIONAL CERTIFICATE IV IN SITE SUPERVISOR FOR BUILDING CONSTRUCTION

**3. Qualification code:**  
CON21SQ2L417

**Total Number of Credits: 160**

#### 4. Purpose of the qualification

This qualification is designed to meet the needs of site managers and supervisors in the building and construction industry. It includes core competency units that cover common skills for the construction industry.

#### 5. Regulations for the qualification

National Certificate IV in Site Supervisor for Building Construction Qualification will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9+11+12+13+14+15+16+17+18+19+20+21+22

#### 6. Schedule of Units

Unit Title	Unit Title	Code
1	Observe personal and workplace hygiene practices	CON21S1U01V1
2	Practice effective workplace communication	CON21S1U02V1
3	Perform computer operations	CON21S1U03V1
4	Promote team effectiveness	CON21S1U04V1
5	Manage occupational health and safety in the building and construction workplace	CON21S1U05V1
6	Work discipline management	CON21S1U06V1
7	Conduct on-site supervision of building and construction projects	CON21S1U07V1
8	Apply legal requirements to building and construction projects	CON21S1U08V1
9	Arrange resources and prepare for the building or construction project	CON21S1U09V1
10	Apply building codes and standards to the construction process for building projects	CON21S2U11V1
12	Plan building or construction work	CON21S2U12V1
13	Apply structural principles to residential constructions	CON21S2U13V1
14	Implement continuous improvement	CON21S2U14V1
15	Apply quality management techniques	CON21S2U15V1
16	Apply risk management techniques	CON21S2U16V1
17	Read and interpret plans and specifications	CON21S2U17V1
18	Prepare simple building sketches and drawings	CON21S2U18V1
19	Prepare specifications for all construction works	CON21S2U19V1

20	Apply site surveys and set out procedures to building and construction projects	CON21S2U20V1
21	Manage personal work priorities and professional development	CON21S2U21V1
22	Implement and monitor environmentally sustainable work practices	CON21S2U22V1
23	Produce labour and material schedules for ordering	CON21S2U23V1
<b>7. Accreditation requirements</b>	The training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment.	
<b>8. Recommended sequencing of units</b>	As appearing under the section 06	

## UNIT DETAILS

Unit Title	Unit Title	Code	Level	No of credits
1	Observe personal and workplace hygiene practices	CON21S1U01V1	3	3
2	Practice effective workplace communication	CON21S1U02V1	3	3
3	Perform computer operations	CON21S1U03V1	3	3
4	Promote team effectiveness	CON21S1U04V1	3	3
5	Manage occupational health and safety in the building and construction workplace	CON21S1U05V1	3	3
6	Work discipline management	CON21S1U06V1	3	3
7	Conduct on-site supervision of building and construction projects	CON21S1U07V1	3	6
8	Apply legal requirements to building and construction projects	CON21S1U08V1	3	6
9	Arrange resources and prepare for the building or construction project	CON21S1U09V1	3	6
10	Minimise waste on the building and construction site	CON21S1U10V1	3	4
11	Apply building codes and standards to the construction process for low rise building projects	CON21S2U01V1	4	9
12	Plan building or construction work	CON21S2U02V1	4	9
13	Apply structural principles to residential low-rise constructions	CON21S2U03V1	4	9

14	Implement continuous improvement	CON21S2U04V1	4	9
15	Apply quality management techniques	CON21S2U05V1	4	9
16	Apply risk management techniques	CON21S2U06V1	4	9
17	Read and interpret plans and specifications	CON21S2U07V1	4	9
18	Prepare simple building sketches and drawings	CON21S2U08V1	4	12
19	Prepare specifications for all construction works	CON21S2U09V1	4	9
20	Apply site surveys and set out procedures to building and construction projects	CON21S2U10V1	4	9
21	Manage personal work priorities and professional development	CON21S2U11V1	4	9
22	Implement and monitor environmentally sustainable work practices	CON21S2U12V1	4	9
23	Produce labour and material schedules for ordering	CON21S2U23V1	4	9

### **Packaging of National Qualifications:**

National Certificate III in Assistant Site Supervisor for Building Construction will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+10

Qualification Code:

CON21SQ1L317

National Certificate IV in Site Supervisor for Building Construction will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+11+12+13+14+15+16+17+18+19+20+21+22

Qualification Code:



**COMPETENCY STANDARD FOR SITE SUPERVISOR FOR BUILDING CONSTRUCTION**

Unit No	Unit Title
1.	Observe personal and workplace hygiene practices
2.	Practice effective workplace communication
3.	Perform computer operations
4.	Promote team effectiveness
5.	Manage occupational health and safety in the building and construction workplace
6.	Produce labour and material schedules for ordering
7.	Conduct on-site supervision of building and construction projects
8.	Apply legal requirements to building and construction projects
9.	Arrange resources and prepare for the building or construction project
10.	Minimise waste on the building and construction site
11.	Apply building codes and standards to the construction process for low rise building projects
12.	Plan building or construction work
13.	Apply structural principles to residential low-rise constructions
14.	Implement continuous improvement
15.	Apply quality management techniques
16.	Apply risk management techniques
17.	Read and interpret plans and specifications

18.	Prepare simple building sketches and drawings
19.	Prepare specifications for all construction works
20.	Apply site surveys and set out procedures to building and construction projects
21.	Manage personal work priorities and professional development
22.	Implement and monitor environmentally sustainable work practices

### **BRIEF DESCRIPTION**

In the recent years, the construction industry has seen a robust expansion towards its growth. A large portion of the construction sector activity consists of public sector infrastructure projects, residential housing and resort development projects.

This unprecedented growth in the industry was driven by a number of factors. They include the launching of large scale public infrastructure projects such as development of Hulhumale', rapid urbanisation, changes to land laws, introduction of housing finance schemes and the massive repair and reconstruction efforts following the 2004 tsunami.

The construction sector is a vital part of the country's economy and it contributes significantly to the GDP. Thus, it plays an important role in delivering the basic infrastructure needed for socio-economic development. In this regard, it covers the construction of roads, highways, harbours, ports, bridges, tunnels and other civil works and also the building of factories, houses, offices, schools and apartments.

The activities in the construction sector are very labour intensive making it a significant contributor to industrial employment in many countries. According to the Household Income and Expenditure Survey 2009/2010, the construction sector employed about 5% of the total local labour force in 2010. Of the total workforce of the construction industry, expatriate employment accounted for 88% in 2010 compared to 75% in 2006. While there has been a slight decline in the number of locals employed in the construction sector between 2006 and 2010, the number of expatriate employment in the sector nearly doubled during this period highlighting the excessive dependence of the sector on expatriate workers. With the large increase in expatriate labour force, the construction sector has also has now become the single largest employer of the country's expatriate labour force (accounting for 43%). Although most expatriate workers in the construction industry are employed as labourers, a significant portion is also employed under the skilled crafts category, partly reflecting shortages in local craftsman.