



Maldives National Skills Development Authority



National Competency Standard for Health and safety in Construction

Standard Code: CON11S18V1

Qualification Name: National Certificate III in Health and Safety in Construction
Qualification Code: CON11SQ1L318

KEY FOR CODING**Coding Competency Standards and Related Materials**

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

1. Endorsement Application for Qualification 01**2. NATIONAL CERTIFICATE III IN HEALTH AND SAFETY FOR BUILDING CONSTRUCTION**

3. Qualification code: CON11SQ1L318	Total Number of Credits: 72
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4. Purpose of the qualification

This qualification is designed to meet the needs and requirements to minimize hazards in construction industry. It includes core competency units that cover common skills and knowledge for the health and safety in construction industry.

5. Regulations for the qualification

National Certificate III in Health and Safety for Building Construction Qualification will be awarded to those who are competent in unit 1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16

6. Schedule of Units

Unit Title	Unit Title	Code
1	Observe personal and workplace hygiene practices	CON11S1U01V1
2	Practice effective workplace communication	CON11S1U02V1
3	Perform computer operations	CON11S1U03V1
4	Promote team effectiveness	CON11S1U04V1
5	Electrical Safety	CON11S1U01V1
6	Common Electrical Safety Hazards on Construction Sites	CON11S1U02V1
7	Minimizing Electrical Hazards	CON11S1U03V1
8	Materials Handling, Storage, Use and Disposal	CON11S1U04V1
9	Cranes, Derricks, Hoists, Elevators and Conveyors	CON11S1U05V1
10	Hand and Power Tools	CON11S1U06V1
11	Welding and Cutting	CON11S1U07V1
12	Personal Protective and Lifesaving Equipment	CON11S1U08V1
13	Fire Protection and Prevention	CON11S1U09V1

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14	Scaffolding	CON11S1U10V1
15	Excavation	CON11S1U11V1
16	Stairways and ladders	CON11S1U12V1
7. Accreditation requirements	The training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment.	
8. Recommended sequencing of units	As appearing under the section 06	

1. Endorsement Application for Qualification 02**2. NATIONAL CERTIFICATE IV IN HEALTH AND SAFETY FOR BUILDING CONSTRUCTION**

3. Qualification code: CON11SQ2L418	Total Number of Credits: 192
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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 supervisors and managers in ensuring health and safety in the construction industry.

5. Regulations for the qualification

National Certificate IV in Health and Safety 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+23

6. Schedule of Units

Unit Title	Unit Title	Code
1	Observe personal and workplace hygiene practices	CON11S1U01V1
2	Practice effective workplace communication	CON11S1U02V1
3	Perform computer operations	CON11S1U03V1
4	Promote Team effectiveness	CON11S1U04V1
5	Electrical Safety	CON11S1U05V1
6	Common Electrical Safety Hazards on Construction Sites	CON11S1U06V1
7	Minimizing Electrical Hazards	CON11S1U07V1
8	Materials Handling, Storage, Use and Disposal	CON11S1U08V1
9	Cranes, Derricks, Hoists, Elevators and Conveyors	CON11S1U09V1
10	Hand and Power Tools	CON11S1U10V1
11	Welding and Cutting	CON11S1U11V1
12	Personal Protective and Lifesaving Equipment	CON11S1U12V1

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13	Fire Protection and Prevention	CON11S1U13V1
14	Scaffolding	CON11S1U14V1
15	Excavation	CON11S1U15V1
16	Stairways and ladders	CON11S1U66V1
17	Construction Safety: Planning, Training and Jobsite Inspections	CON11S2U17V1
18	Construction Phase Plan	CON11S2U18V1
19	Leadership in Safety and Health in Construction	CON11S2U19V1
20	Workers Participant	CON11S2U20V1
21	Hazard Identification and Assessment	CON11S2U21V1
22	Hazard Prevention and Control	CON11S2U22V1
23	Supervise Concreting Work	CON11S2U23V1
7. Accreditation requirements	The training and assessment leading to recognition of skills must be undertaken in a real or very closely simulated workplace environment.	
8. Recommended sequencing of units	As appearing under the section 06	

UNIT DETAILS

Unit Title	Unit Title	Code	Level	No of credits
1	Observe personal and workplace hygiene practices	CON22S1U01V1	3	3
2	Practice effective workplace communication	CON21S1U02V1	3	3
3	Perform computer operations	CON22S1U03V1	3	3
4	Promote Team effectiveness	CON22S1U04V1	3	3
5	Electrical Safety	CON22S1U01V1	3	3
6	Common Electrical Safety Hazards on Construction Sites	CON22S1U02V1	3	3
7	Minimizing Electrical Hazards	CON22S1U03V1	3	3
8	Materials Handling, Storage, Use and Disposal	CON22S1U04V1	3	3
9	Cranes, Derricks, Hoists, Elevators and Conveyors	CON22S1U05V1	3	6
10	Hand and Power Tools	CON22S1U06V1	3	3
11	Welding and Cutting	CON22S1U07V1	3	6
12	Personal Protective and Lifesaving Equipment	CON22S1U08V1	3	6
13	Fire Protection and Prevention	CON22S1U09V1	3	6
14	Scaffolding	CON22S1U10V1	3	6
15	Excavation	CON22S1U11V1	3	6
16	Stairways and ladders	CON22S1U12V1	3	9
17	Construction Safety: Planning, Training and Jobsite Inspections	CON22S2U1V1	4	18
18	Construction Phase Plan	CON22S2U2V1	4	18

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19	Leadership in Safety and Health in Construction	CON22S2U3V1	4	18
20	Workers Participant	CON22S2U4V1	4	15
21	Hazard Identification and Assessment	CON22S2U5V1	4	18
22	Hazard Prevention and Control	CON22S2U6V1	4	18
23	Supervise Concreting Work	CON22S2U7V1	4	15

Packaging of National Qualifications:

National Certificate III in Site Health and Safety for Building Construction will be awarded to those who are competent in units

1+2+3+4+5+6+7+8+9+10+11+12+14+15+16

Qualification Code:

CON11SQ1L318

National Certificate IV in Site Health and Safety 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

Qualification Code:

CON11SQ2L418

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.	Electrical Safety
6.	Common Electrical Safety Hazards on Construction Sites
7.	Minimizing Electrical Hazards
8.	Materials Handling, Storage, Use and Disposal
9.	Cranes, Derricks, Hoists, Elevators and Conveyors
10.	Hand and Power Tools
11.	Welding and Cutting
12.	Personal Protective and Lifesaving Equipment
13.	Fire Protection and Prevention
14.	Scaffolding
15.	Excavation
16.	Stairways and Ladders
17.	Construction Safety: Planning, Training and Jobsite Inspections
18.	Construction Phase Plan
19.	Leadership in Safety and Health in Construction
20.	Workers Participant
21.	Hazard Identification and Assessment
22.	Hazard Prevention and Control
23.	Supervise Concreting Work

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.

Level III standard has been prepared to assist all employers, workers and clients in the construction industry in the Maldives in terms of the required standards that should be followed in our industry. As there is no specific Act towards Occupational Health and Safety in the Maldives still, TIVETA took this initiative to train and build skilled individuals who are competent in preventing and protecting health and safety hazards in construction industry.

Level IV as a **construction site safety manager/superviosor** is an occupational health and safety specialist who designs and implements safety regulations to minimize injuries and accidents on construction sites. He or she also might conduct daily safety audits and inspections to ensure compliance with government regulations.

This is not typically an entry-level position, and individuals will generally need some years of experience working in occupational safety before they can advance to the management level. These safety managers often split their time between offices and construction sites, and they may be required to work irregular hours during emergencies. The job holds the potential for injury, particularly during fieldwork