



## Qualification Pack



# Assistant False Ceiling and Drywall Installer

QP Code: CON/Q1103

Version: 2.0

NSQF Level: 3

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## CON/Q1103: Assistant False Ceiling and Drywall Installer

### Brief Job Description

This job role is responsible for carrying out preparatory activities prior to installation of false ceiling and dry walls including measuring, marking, cutting, and fixing of the dry wall boards for dry wall installation.

### Personal Attributes

The individual is expected to be physically fit and should be able to work across various locations in extreme weather/site conditions. The person must be able to perform efficiently within a team, handle the various false ceiling installation tools and materials and work responsibly.

### Applicable National Occupational Standards (NOS)

#### Compulsory NOS:

1. [CON/N0101: Erect and dismantle temporary scaffold up to 3.6 meter height](#)
2. [CON/N1105: Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls](#)
3. [CON/N1106: Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation](#)
4. [CON/N1107: Fix the dry walls board with fasteners for installing dry wall sheets on walls](#)
5. [CON/N8001: Work effectively in a team to deliver desired results at the workplace](#)
6. [CON/N9001: Work according to personal health, safety and environment protocol at construction site](#)

### Qualification Pack (QP) Parameters

Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
Country	India
NSQF Level	3



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<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2004/7132.90
<b>Minimum Educational Qualification &amp; Experience</b>	5th Class with 6-12 Months of experience as a certified Helper Interior Finishes OR 5th Class with 1-2 Years of experience in case of a Non trained worker, in same occupation
<b>Minimum Level of Education for Training in School</b>	Not Applicable
<b>Pre-Requisite License or Training</b>	NIL
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	19/06/2020
<b>Next Review Date</b>	24/07/2023
<b>Deactivation Date</b>	24/07/2023
<b>NSQC Approval Date</b>	22/08/2019
<b>Version</b>	2.0
<b>Reference code on NQR</b>	2019/CON/CSDCI/3304
<b>NQR Version</b>	2



## Qualification Pack

# CON/N0101: Erect and dismantle temporary scaffold up to 3.6 meter height

## Description

This unit describes the skills and knowledge required to erect and dismantle 3.6 meter temporary scaffold

## Scope

The scope covers the following :

- Erect and dismantle temporary scaffold up to 3.6 meter height

## Elements and Performance Criteria

- *Erect and dismantle temporary scaffold up to 3.6 meter height*

To be competent, the user/individual on the job must be able to:

- PC1.** level area where scaffold need to be erected and check for ground compactness if required
- PC2.** shift and stack required materials, components, tools and tackles at the instructed location
- PC3.** wear and use required safety gadgets and follow trade safety
- PC4.** place base plates and sole boards on the ground as per markings and instructions
- PC5.** use proper components and follow standard procedure for erecting temporary scaffold up to 3.6 m
- PC6.** check verticality of scaffold at first level of erection and correct (if required) before moving to the next level
- PC7.** check for rigidity, stability and support of erected scaffold
- PC8.** fix walk-boards, guard rails, toe-boards and other components on working platform
- PC9.** follow standard procedure for dismantling of 3.6 m temporary scaffold
- PC10.** remove guard rails, toe boards, walk boards and other components sequentially
- PC11.** clean and stack all components properly after dismantling
- PC12.** maintain tidiness at work location

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard procedure for scaffolding works
- KU2.** safety rules and regulations for handling and storing scaffolding tools, materials and components
- KU3.** personal protection including use of safety gears and equipment
- KU4.** safe working methods and movements while performing relevant tasks
- KU5.** request procedure for tools & materials
- KU6.** housekeeping & other administrative rules



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- KU7.** use of different types of scaffolds (cup-lock , frame scaffold)
- KU8.** use of tools and tackles in scaffolding works
- KU9.** identification and use of different components
- KU10.** use of tools for measurements and marking
- KU11.** basic arithmetic calculation
- KU12.** units of measurements
- KU13.** standard size of scaffolding components
- KU14.** personal protective equipment for safety
- KU15.** importance of housekeeping
- KU16.** standard procedure for erection and dismantling of 3.6 m temporary scaffold
- KU17.** tools and equipment used for erecting and dismantling 3.6 meter temporary scaffold

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in one or more language, preferably in the local language of the site
- GS2.** read one or more language, preferably the local language of the site
- GS3.** read instructions, guidelines, sign boards, safety rules & safety tags instruction related to exit routes during emergency at the workplace
- GS4.** speak in one or more language, preferably in one of the local languages of site
- GS5.** listen and follow instructions / communication shared by superiors/ co- workers regarding team requirements or interfaces during work processes
- GS6.** orally communicate with co-workers regarding support required to complete the respective work
- GS7.** decide whether the workplace is safe for working and also whether the relevant work is not creating hazardous conditions for others
- GS8.** identify and organize right scaffolding materials
- GS9.** identify and use relevant tools effectively
- GS10.** complete work as per agreed time and quality
- GS11.** minimize wastages
- GS12.** revert to superior for selection/sorting of materials
- GS13.** identify location at which violation of any safety norms may lead to accidents



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
• <i>Erect and dismantle temporary scaffold up to 3.6 meter height</i>	<b>30</b>	<b>70</b>	-	-
<b>PC1.</b> level area where scaffold need to be erected and check for ground compactness if required	-	-	-	-
<b>PC2.</b> shift and stack required materials, components, tools and tackles at the instructed location	-	-	-	-
<b>PC3.</b> wear and use required safety gadgets and follow trade safety	-	-	-	-
<b>PC4.</b> place base plates and sole boards on the ground as per markings and instructions	-	-	-	-
<b>PC5.</b> use proper components and follow standard procedure for erecting temporary scaffold up to 3.6 m	-	-	-	-
<b>PC6.</b> check verticality of scaffold at first level of erection and correct (if required) before moving to the next level	-	-	-	-
<b>PC7.</b> check for rigidity, stability and support of erected scaffold	-	-	-	-
<b>PC8.</b> fix walk-boards, guard rails, toe-boards and other components on working platform	-	-	-	-
<b>PC9.</b> follow standard procedure for dismantling of 3.6 m temporary scaffold	-	-	-	-
<b>PC10.</b> remove guard rails, toe boards, walk boards and other components sequentially	-	-	-	-
<b>PC11.</b> clean and stack all components properly after dismantling	-	-	-	-
<b>PC12.</b> maintain tidiness at work location	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-



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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N0101
<b>NOS Name</b>	Erect and dismantle temporary scaffold up to 3.6 meter height
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Masonry
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	





## Qualification Pack

# CON/N1105: Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls

## Description

This unit describes the skills and knowledge required to identify, handle and use hand and power tools relevant to faade installation

## Scope

The scope covers the following :

- Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls

## Elements and Performance Criteria

*Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls*

To be competent, the user/individual on the job must be able to:

- PC1.** identify basic tools used for false ceiling and dry wall installation works such as hand tools, measuring tools, power tools etc
- PC2.** check for serviceability/safety of tools and report faults to superiors
- PC3.** select and use appropriate hand and power tools relevant to the task
- PC4.** set up and use basic leveling devices like spirit level ,water level & straight edge
- PC5.** transfer levels and carry out set out using appropriate tools
- PC6.** clean and maintain tools prior to and after use

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices of interior finishes works
- KU2.** safety rules and regulations regarding false ceiling and dry wall installation
- KU3.** personal protection including the use of the related safety gears & safety equipment
- KU4.** requesting tools and materials as per set procedures
- KU5.** maintenance of tools and equipments
- KU6.** basic principles of measurement
- KU7.** selection and use of tools and equipments including broad knives, electric screw guns, hand and power drills, hand saws, scaffold planks, t squares, tapping knives, etc
- KU8.** standard size and specification of tools relevant to false ceiling and dry wall installation
- KU9.** transfer of levels using water level and spirit level
- KU10.** use of different tools for false ceiling and dry wall installation
- KU11.** basic leveling devices ,their setting and use
- KU12.** basic functions of various hand and power tools relevant to false ceiling and dry wall installation works



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### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language, preferably in the local language of the site
- GS2.** read in at least one language, preferably in the local language of the site
- GS3.** read instructions, guidelines, sign boards, safety rules and safety tags
- GS4.** read instructions and exit routes during emergency
- GS5.** speak in one or more language, preferably in one of the local languages of the site
- GS6.** listen and follow instructions communicated by supervisors
- GS7.** orally and efficiently communicate with team member
- GS8.** decide whether the workplace is safe for working and also check that the relevant work is not creating hazardous conditions for others
- GS9.** select appropriate tools for dry wall and false ceiling installation works
- GS10.** plan self-work as per the direction /close supervision of seniors
- GS11.** ensure work is done within time and as per desired quality as per instructions provided by superiors
- GS12.** report to superiors in case tools have faults or do not meet requirements of safety or serviceability
- GS13.** identify location at which violation of any safety norms may lead to accident



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls</i>	<b>30</b>	<b>70</b>	-	-
<b>PC1.</b> identify basic tools used for false ceiling and dry wall installation works such as hand tools, measuring tools, power tools etc	-	-	-	-
<b>PC2.</b> check for serviceability/safety of tools and report faults to superiors	-	-	-	-
<b>PC3.</b> select and use appropriate hand and power tools relevant to the task	-	-	-	-
<b>PC4.</b> set up and use basic leveling devices like spirit level, water level & straight edge	-	-	-	-
<b>PC5.</b> transfer levels and carry out set out using appropriate tools	-	-	-	-
<b>PC6.</b> clean and maintain tools prior to and after use	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1105
<b>NOS Name</b>	Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	



## Qualification Pack

# CON/N1106: Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation

## Description

This unit describes the skills and knowledge required to measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation

## Scope

The scope covers the following :

- Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation

## Elements and Performance Criteria

### *Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation*

To be competent, the user/individual on the job must be able to:

- PC1.** understand and follow the instructions provided by the superior for marking the boards for cutting
- PC2.** measure the board using tape measure, straightedge or square, etc
- PC3.** mark the boards for cutting to the required dimensions using appropriate marking devices
- PC4.** follow method statement provided by the superior for cutting the boards
- PC5.** cut the board using correct tools and equipments as per markings
- PC6.** trim the ragged edges of the board using appropriate filing device such as drywall rasp, etc
- PC7.** use proper tools such as T-square and cutting knife to cut boards
- PC8.** cut sheets minimizing wastage and maximizing board use as per instructions
- PC9.** store cut sheets appropriately for optimum utilizations
- PC10.** minimize dust exposed to others using appropriate tools and techniques and personal protective equipments(PPEs)

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for measuring and marking the boards for installing false ceiling and dry wall finishes
- KU2.** safety rules and regulations regarding false ceiling and dry wall installation
- KU3.** personal protection including the use of the related safety gears & safety equipment
- KU4.** requesting tools and materials as per set procedures
- KU5.** maintenance of tools and equipments
- KU6.** sketches related to measuring and marking the boards



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- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including broad knives, electric screw guns, hand and power drills, hand saws, scaffold planks, t squares, tapping knives, etc
- KU9.** selection and use of appropriate materials including, fibre cement sheets, finishing materials, plaster compounds, plasterboard, etc
- KU10.** standard size and specification of gypsum boards and plaster board panels
- KU11.** appropriate measurements and markings for cutting panels and partitions
- KU12.** how to calculate area and layout of board to be cut
- KU13.** knowledge of the line of partition and level
- KU14.** how to perform markings on boards for cutting to the required dimensions
- KU15.** method statement provided by the supervisor for cutting the boards
- KU16.** how to use appropriate filing device such as drywall rasp, etc. for trimming the rough edges of board
- KU17.** use of proper tools such as T-square and cutting knife to cut boards

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language, preferably in the local language of the site
- GS2.** read in at least one language, preferably in the local language of the site
- GS3.** read instructions, guidelines, sign boards, safety rules and safety tags
- GS4.** read instructions and exit routes during emergency
- GS5.** speak in one or more language, preferably in one of the local languages of the site
- GS6.** listen and follow instructions communicated by supervisors
- GS7.** orally and efficiently communicate with team member
- GS8.** decide whether the workplace is safe for working and also check that the relevant work is not creating hazardous conditions for others
- GS9.** decide whether the correct tools and equipments are used for cutting and marking the boards
- GS10.** select appropriate filing device for trimming the ragged edges of the board
- GS11.** plan self-work as per the direction /close supervision of seniors
- GS12.** ensure work is done within time and as per desired quality as per instructions provided by seniors
- GS13.** analyze necessary dimensions for marking the boards
- GS14.** minimize wastage and maximize board use while cutting sheets
- GS15.** identify location at which violation of any safety norms may lead to accident



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation</i>	<b>30</b>	<b>70</b>	-	-
<b>PC1.</b> understand and follow the instructions provided by the superior for marking the boards for cutting	-	-	-	-
<b>PC2.</b> measure the board using tape measure, straightedge or square, etc	-	-	-	-
<b>PC3.</b> mark the boards for cutting to the required dimensions using appropriate marking devices	-	-	-	-
<b>PC4.</b> follow method statement provided by the superior for cutting the boards	-	-	-	-
<b>PC5.</b> cut the board using correct tools and equipments as per markings	-	-	-	-
<b>PC6.</b> trim the ragged edges of the board using appropriate filing device such as drywall rasp, etc	-	-	-	-
<b>PC7.</b> use proper tools such as T-square and cutting knife to cut boards	-	-	-	-
<b>PC8.</b> cut sheets minimizing wastage and maximizing board use as per instructions	-	-	-	-
<b>PC9.</b> store cut sheets appropriately for optimum utilizations	-	-	-	-
<b>PC10.</b> minimize dust exposed to others using appropriate tools and techniques and personal protective equipments(PPEs)	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-



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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1106
<b>NOS Name</b>	Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	





## Qualification Pack

# CON/N1107: Fix the dry walls board with fasteners for installing dry wall sheets on walls

## Description

This NOS covers the skills and knowledge required by a workman to be proficient in fixing the dry walls board with fasteners for installing dry wall sheets on walls

## Scope

The scope covers the following :

- Fix the dry walls board with fasteners for installing dry wall sheets on walls

## Elements and Performance Criteria

### *Fix the dry walls board with fasteners for installing dry wall sheets on walls*

To be competent, the user/individual on the job must be able to:

- PC1.** roughly estimate material required by measuring the surface for dry wall installation
- PC2.** select material for dry wall as per instruction/specification
- PC3.** install sub frame of wooden planks/studs or t-braces as per instructions
- PC4.** provide corner studs for support at corners and edges
- PC5.** follow method statement / manufacturers instructions or layout as per sketches for installation of dry wall and partitions using plaster/gypsum boards
- PC6.** set down the dry wall board with finished side up for cutting
- PC7.** measure the length needed and score the paper face with a utility knife, using a drywall square as a straightedge
- PC8.** cut out opening for windows and doors appropriate tools prior to dry wall installation
- PC9.** fasten the board to studs using appropriate method as instructions
- PC10.** fix joints in panels appropriately as per instructions for a seamless finish
- PC11.** cut dry wall panels using appropriate tools to provide space for fixtures and outlets
- PC12.** fix corner beads using nails/screws to protect corners
- PC13.** check for protruding screws and rectify if any as per instructions
- PC14.** fill corners and screws with joint compounds and provide tape over the screws and joints
- PC15.** remove broken corners and loose chunks of rock, and cut out any blisters for smooth finish

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for dry wall in place
- KU2.** safety rules and regulations for dry wall installation
- KU3.** personal protection including the use of the related safety gears & safety equipment



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- KU4.** requesting tools and materials as per set procedures
- KU5.** maintenance of tools and equipments
- KU6.** sketches of dry wall installation
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including broad knives, electric screw guns, hand and power drills, hand saws, t squares, taping knives, trestles, etc
- KU9.** installation wooden t-braces for sub frame
- KU10.** how to measure wall and estimate plasterboard requirement
- KU11.** composition of different dry walls
- KU12.** how to mark and cut plaster boards
- KU13.** understand method statement / manufacturers instructions for installation dry wall
- KU14.** how to calculate area and layout of board to be installed
- KU15.** method of fixing dry wall
- KU16.** tools for fixing dry wall such as pair knives, corner trowel, drills etc
- KU17.** method of providing cutout for door, window, fixtures opening
- KU18.** adhesives used for dry wall fixing
- KU19.** method of fixing corner bead
- KU20.** method of application of joint compound and tape over corners ,joints and screws

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language, preferably in the local language of the site
- GS2.** read in at least one language, preferably in the local language of the site
- GS3.** read instructions, guidelines, sign boards, safety rules and safety tags
- GS4.** read instructions and exit routes during emergency
- GS5.** speak in one or more language, preferably in one of the local languages of the site
- GS6.** listen and follow instructions communicated by supervisors
- GS7.** orally and efficiently communicate with team member
- GS8.** decide whether the workplace is safe for working and also check that the relevant work is not creating hazardous conditions for others
- GS9.** select appropriate materials for drywall
- GS10.** plan self-work as per the direction under close supervision of a superior
- GS11.** ensure work is done within time and as per desired quality as per instructions provided by superiors
- GS12.** rectify situation in case any protruding screws are observed
- GS13.** identify instances of broken corners, blisters, loose chunks of rock, etc. and make necessary rectifications
- GS14.** measure and assess surface to estimate material requirement
- GS15.** carry out necessary measurements for scoring the paper face
- GS16.** identify location at which violation of any safety norms may lead to accident



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### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Fix the dry walls board with fasteners for installing dry wall sheets on walls</i>	<b>30</b>	<b>70</b>	-	-
<b>PC1.</b> roughly estimate material required by measuring the surface for dry wall installation	-	-	-	-
<b>PC2.</b> select material for dry wall as per instruction/specification	-	-	-	-
<b>PC3.</b> install sub frame of wooden planks/studs or t-braces as per instructions	-	-	-	-
<b>PC4.</b> provide corner studs for support at corners and edges	-	-	-	-
<b>PC5.</b> follow method statement / manufacturers instructions or layout as per sketches for installation of dry wall and partitions using plaster/gypsum boards	-	-	-	-
<b>PC6.</b> set down the dry wall board with finished side up for cutting	-	-	-	-
<b>PC7.</b> measure the length needed and score the paper face with a utility knife, using a drywall square as a straightedge	-	-	-	-
<b>PC8.</b> cut out opening for windows and doors appropriate tools prior to dry wall installation	-	-	-	-
<b>PC9.</b> fasten the board to studs using appropriate method as instructions	-	-	-	-
<b>PC10.</b> fix joints in panels appropriately as per instructions for a seamless finish	-	-	-	-
<b>PC11.</b> cut dry wall panels using appropriate tools to provide space for fixtures and outlets	-	-	-	-
<b>PC12.</b> fix corner beads using nails/screws to protect corners	-	-	-	-
<b>PC13.</b> check for protruding screws and rectify if any as per instructions	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC14.</b> fill corners and screws with joint compounds and provide tape over the screws and joints	-	-	-	-
<b>PC15.</b> remove broken corners and loose chunks of rock, and cut out any blisters for smooth finish	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-



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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1107
<b>NOS Name</b>	Fix the dry walls board with fasteners for installing dry wall sheets on walls
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	



## Qualification Pack

# CON/N8001: Work effectively in a team to deliver desired results at the workplace

## Description

This unit describes the skills and knowledge required to work effectively within a team to achieve the desired results

## Scope

The scope covers the following :

- Interact and communicate effectively with co-workers, superiors and sub-ordinates across different teams
- Support co-workers, superiors and sub-ordinates within the team and across interfacing teams to ensure effective execution of assigned task

## Elements and Performance Criteria

### *Interact and communicate in effective and conclusive manner*

To be competent, the user/individual on the job must be able to:

- PC1.** pass on work related information/ requirement clearly to the team members
- PC2.** inform co-workers and superiors about any kind of deviations from work
- PC3.** address the problems effectively and report if required to immediate supervisor appropriately
- PC4.** receive instructions clearly from superiors and respond effectively on the same
- PC5.** communicate to team members/subordinates for appropriate work technique and method
- PC6.** seek clarification and advice as per the requirement and applicability

### *Support co-workers to execute project requirements*

To be competent, the user/individual on the job must be able to:

- PC7.** hand over the required material, tools tackles, equipment and work fronts timely to interfacing teams
- PC8.** work together with co-workers in a synchronized manner

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** own roles and responsibilities
- KU2.** importance of effective communication and establishing strong working
- KU3.** risks of a failure in teamwork in terms of effects on project outcomes, timelines, safety at the construction site, etc.
- KU4.** different modes of communication, and its appropriate usage
- KU5.** importance of creating healthy and cooperative work environment among the gangs of workers



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- KU6.** different activities within his work area where an interaction with other workers is required
- KU7.** applicable techniques of work, properties of materials used, tools and tackles used, safety standards that co-workers might need as per the requirement
- KU8.** importance of proper and effective communication and the expected adverse
- KU9.** importance and need of supporting co-workers facing problems for smooth

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language, preferably in the local language of the site
- GS2.** read in one or more languages, preferably the local language of the site
- GS3.** read communication from team members regarding work completed, materials used, tools and tackles used, support required
- GS4.** speak in one or more languages, preferably in one of the local language of the site
- GS5.** listen and follow instructions / communication shared by superiors/ co-workers regarding team requirements or interfaces during work processes
- GS6.** orally communicate with co-workers regarding support required to complete the respective work
- GS7.** decide on what information is to be shared with co-workers within the team or from interfacing gang of workers
- GS8.** plan work and organize required resources in coordination with team members
- GS9.** complete all assigned task in coordination with team members
- GS10.** take initiative in resolving issues among co-workers or report the same to superiors
- GS11.** ensure best ways of coordination among team members
- GS12.** communicate with co-workers considering their educational / social background
- GS13.** evaluate the complexity of task and determine if any guidance is required from superiors



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Interact and communicate in effective and conclusive manner</i>	<b>18</b>	<b>42</b>	-	-
<b>PC1.</b> pass on work related information/ requirement clearly to the team members	-	-	-	-
<b>PC2.</b> inform co-workers and superiors about any kind of deviations from work	-	-	-	-
<b>PC3.</b> address the problems effectively and report if required to immediate supervisor appropriately	-	-	-	-
<b>PC4.</b> receive instructions clearly from superiors and respond effectively on the same	-	-	-	-
<b>PC5.</b> communicate to team members/subordinates for appropriate work technique and method	-	-	-	-
<b>PC6.</b> seek clarification and advice as per the requirement and applicability	-	-	-	-
<i>Support co-workers to execute project requirements</i>	<b>12</b>	<b>28</b>	-	-
<b>PC7.</b> hand over the required material, tools tackles, equipment and work fronts timely to interfacing teams	-	-	-	-
<b>PC8.</b> work together with co-workers in a synchronized manner	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-





## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N8001
<b>NOS Name</b>	Work effectively in a team to deliver desired results at the workplace
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Generic
<b>Occupation</b>	Generic
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	4.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	



## Qualification Pack

# CON/N9001: Work according to personal health, safety and environment protocol at construction site

## Description

This NOS covers the skill and knowledge required for an individual to work according to personal health, safety and environmental protocol at construction site

## Scope

The scope covers the following :

- Follow safety norms as defined by organization
- Adopt healthy & safe work practices
- Implement good housekeeping and environment protection process and activities

## Elements and Performance Criteria

### *Follow safety norms as defined by organization*

To be competent, the user/individual on the job must be able to:

- PC1.** identify and report any hazards, risks or breaches in site safety to the appropriate authority
- PC2.** follow emergency and evacuation procedures in case of accidents, fires, natural calamities
- PC3.** follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable
- PC4.** participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site
- PC5.** select and operate different types of fire extinguishers corresponding to types of fires as per EHS guideline
- PC6.** identify near miss , unsafe condition and unsafe act

### *Adopt healthy & safe work practices*

To be competent, the user/individual on the job must be able to:

- PC7.** use appropriate Personal Protective Equipment (PPE) as per work requirements including: Head Protection (Helmets), Ear protection Fall Protection, Foot Protection, Face and Eye Protection, Hand and Body Protection, Respiratory Protection (if required)
- PC8.** handle all required tools, tackles , materials & equipment safely
- PC9.** follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines
- PC10.** install and apply properly all safety equipment as instructed
- PC11.** follow safety protocol and practices as laid down by site EHS department
- PC12.** undertake and pass height pass test as per EHS guideline

### *Implement good housekeeping practices*

To be competent, the user/individual on the job must be able to:

- PC13.** collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes
- PC14.** apply ergonomic principles wherever required



## Qualification Pack

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** reporting procedures in cases of breaches or hazards for site safety, accidents, and emergency situations as per guidelines
- KU2.** types of safety hazards at construction sites
- KU3.** basic ergonomic principles as per applicability
- KU4.** the procedure for responding to accidents and other emergencies at site
- KU5.** use of appropriate personal protective equipment to be used based on various working conditions
- KU6.** importance of handling tools, equipment and materials as per applicable
- KU7.** health and environments effect of construction materials as per applicability
- KU8.** various environmental protection methods as per applicability
- KU9.** storage of waste including the following at appropriate location: non-combustible scrap material and debris, combustible scrap material and debris, general construction waste and trash (non-toxic, non-hazardous), any other hazardous wastes and any other flammable wastes
- KU10.** how to use hazardous material, in a safe and appropriate manner as per applicability
- KU11.** types of fire
- KU12.** procedure of operating different types of fire extinguishers
- KU13.** safety relevant to tools, tackles, & requirement as per applicability
- KU14.** housekeeping activities relevant to task

### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write in at least one language, preferably in the local language of the site
- GS2.** fill safety formats for near miss, unsafe conditions and safety suggestions
- GS3.** read in one or more language, preferably in the local language of the site
- GS4.** read sign boards, notice boards relevant to safety
- GS5.** speak in one or more language, preferably in one of the local language of the site
- GS6.** listen instructions / communication shared by site EHS and superiors regarding site safety, and conducting tool box talk
- GS7.** communicate reporting of site conditions, hazards, accidents, etc.
- GS8.** not create unsafe conditions for others
- GS9.** keep the workplace clean and tidy
- GS10.** identify safety risks that affect the health, safety and environment for self and others working in the vicinity, tackle it if within limit or report to appropriate authority
- GS11.** assess and analyze areas which may affect health, safety and environment protocol on the site
- GS12.** ensure personal safety behavior



**GS13.** respond to emergency



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Follow safety norms as defined by organization</i>	<b>9</b>	<b>21</b>	-	-
<b>PC1.</b> identify and report any hazards, risks or breaches in site safety to the appropriate authority	-	-	-	-
<b>PC2.</b> follow emergency and evacuation procedures in case of accidents, fires, natural calamities	-	-	-	-
<b>PC3.</b> follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable	-	-	-	-
<b>PC4.</b> participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site	-	-	-	-
<b>PC5.</b> select and operate different types of fire extinguishers corresponding to types of fires as per EHS guideline	-	-	-	-
<b>PC6.</b> identify near miss , unsafe condition and unsafe act	-	-	-	-
<i>Adopt healthy &amp; safe work practices</i>	<b>15</b>	<b>35</b>	-	-
<b>PC7.</b> use appropriate Personal Protective Equipment (PPE) as per work requirements including: Head Protection (Helmets), Ear protection Fall Protection, Foot Protection, Face and Eye Protection, Hand and Body Protection, Respiratory Protection (if required)	-	-	-	-
<b>PC8.</b> handle all required tools, tackles , materials & equipment safely	-	-	-	-
<b>PC9.</b> follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines	-	-	-	-
<b>PC10.</b> install and apply properly all safety equipment as instructed	-	-	-	-



## Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> follow safety protocol and practices as laid down by site EHS department	-	-	-	-
<b>PC12.</b> undertake and pass height pass test as per EHS guideline	-	-	-	-
<i>Implement good housekeeping practices</i>	<b>6</b>	<b>14</b>	-	-
<b>PC13.</b> collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes	-	-	-	-
<b>PC14.</b> apply ergonomic principles wherever required	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>70</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N9001
<b>NOS Name</b>	Work according to personal health, safety and environment protocol at construction site
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Generic
<b>Occupation</b>	Generic
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	4.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	NA
<b>NSQC Clearance Date</b>	

### Assessment Guidelines and Assessment Weightage

#### Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the knowledge part will be based on knowledge bank of questions created by Assessment Bodies subject to approval by SSC
3. Individual assessment agencies will create unique question papers for knowledge/theory part for assessment of candidates as per assessment criteria given below
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on assessment criteria.
5. The passing percentage for each QP will be 50%. To pass the Qualification Pack, every trainee should score a minimum of 50% individually in each NOS.
6. The Assessor shall check the final outcome of the practices while evaluating the steps performed to achieve the final outcome.



## Qualification Pack

7. The trainee shall be provided with a chance to repeat the test to correct his procedures in case of improper performance, with a deduction of marks for each iteration.
8. After the certain number of iteration as decided by SSC the trainee is marked as fail, scoring zero marks for the procedure for the practical activity.
9. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack within the specified timeframe set by SSC.
10. Minimum duration of Assessment of each QP shall be of 4hrs/trainee.

### Minimum Aggregate Passing % at QP Level : 50

**(Please note:** Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

## Assessment Weightage

### Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N0101.Erect and dismantle temporary scaffold up to 3.6 meter height	30	70	-	-	100	12
CON/N1105.Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls	30	70	-	-	100	15
CON/N1106.Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation	30	70	-	-	100	25
CON/N1107.Fix the dry walls board with fasteners for installing dry wall sheets on walls	30	70	-	-	100	25
CON/N8001.Work effectively in a team to deliver desired results at the workplace	30	70	-	-	100	8





## Qualification Pack

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N9001.Work according to personal health, safety and environment protocol at construction site	30	70	-	-	100	15
<b>Total</b>	<b>180</b>	<b>420</b>	<b>-</b>	<b>-</b>	<b>600</b>	<b>100</b>



## Qualification Pack

### Acronyms

<b>NOS</b>	National Occupational Standard(s)
<b>NSQF</b>	National Skills Qualifications Framework
<b>QP</b>	Qualifications Pack
<b>TVET</b>	Technical and Vocational Education and Training



## Qualification Pack

### Glossary

<b>Sector</b>	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
<b>Occupational Standards (OS)</b>	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.



## Qualification Pack

<b>Knowledge and Understanding (KU)</b>	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
<b>Organisational Context</b>	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
<b>Electives</b>	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
<b>Options</b>	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.