



Qualification Pack



Doors & Windows Fixer

QP Code: CON/Q1105

Version: 2.0

NSQF Level: 4

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CON/Q1105: Doors & Windows Fixer

Brief Job Description

This job role is responsible for carrying out installation of doors and windows as per instructions. The individual should have good knowledge of safe working practices and procedures while working at heights.

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 carpentry tools and materials and work responsibly.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [CON/N1111: Carry out preparatory works and fix frames and sub-frames for fixing doors and window](#)
2. [CON/N1112: Install wooden /PVC doors /windows as per instructions](#)
3. [CON/N1113: Install pre-fabricated sliding doors and windows](#)
4. [CON/N1114: Install aluminum doors and windows with glass glazing](#)
5. [CON/N1115: Install hardware and accessories on doors and windows](#)
6. [CON/N8001: Work effectively in a team to deliver desired results at the workplace](#)
7. [CON/N8002: Plan and organize work to meet expected outcomes](#)
8. [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



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NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2004/7124.20
Minimum Educational Qualification & Experience	5th Class with 1-2 Years of experience in case of a Non trained worker, in same occupation
Minimum Level of Education for Training in School	Not Applicable
Pre-Requisite License or Training	NIL
Minimum Job Entry Age	18 Years
Last Reviewed On	19/06/2020
Next Review Date	24/07/2023
Deactivation Date	24/07/2023
NSQC Approval Date	22/08/2019
Version	2.0
Reference code on NQR	2019/CON/CSDCI/3306
NQR Version	2



Qualification Pack

CON/N1111: Carry out preparatory works and fix frames and sub-frames for fixing doors and window

Description

This unit describes the skills and knowledge required to carry out preparatory works and fix frames and sub-frames for fixing doors and window

Scope

The scope covers the following :

- Carry out preparatory works and fix frames and sub-frames for doors and windows as per specifications

Elements and Performance Criteria

Carry out preparatory works and fix frames and sub-frames for doors and windows as per specifications

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

- PC1.** select and organize required tools and equipments for fixing doors and windows
- PC2.** measure the dimensions of the door/window frame to ensure correct size of frame
- PC3.** measure out space for the window in the walls or roof as per drawings/specifications
- PC4.** verify dimensions of the opening are as per the size of the frame
- PC5.** carry out chipping ,chiseling of masonry structure to provide gaps for fitting frame
- PC6.** select the correct door/window panel as per approved drawings
- PC7.** visually check any surface damage before installation
- PC8.** fit flashing to window surround as per applicability
- PC9.** PC9. Ensure to cover up the frame by suitable means to avoid damage of frame before installation
- PC10.** mark the underside of the wall or roof directly above the outline on the floor using a line
- PC11.** align the door/window frame against the setting out lines, datum lines and level pegs
- PC12.** secure the frame using timber wedges and adjust the position of wedges to obtain required vertical and horizontal alignment
- PC13.** ensure proper alignment and verify the under-cut dimensions before fastening the hinges
- PC14.** coat the surface of frame and sub frame with anti-splitting agent prior to installation
- PC15.** fasten the frame in position using appropriate wall plugs or galvanized straps
- PC16.** verify the dimensions of sub frame opening as per applicability
- PC17.** apply appropriate bonding agent over the sub frame and main frame
- PC18.** install the main frame over the sub frame and check the alignment of main frame and sub frame as per applicability
- PC19.** secure the main frame over sub frame using nails/screws as per specification

Knowledge and Understanding (KU)



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The individual on the job needs to know and understand:

- KU1.** standard practices for installing doors and windows
- KU2.** safety rules and regulations for installing doors and windows
- 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 equipment
- KU6.** drawings and specifications related to fixing of doors
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including air compressors and hoses, marking equipment, measuring tapes and rules, nail bags, nail guns, power saws, protractors, saw stools, scaffolding, spirit levels, squares(combination/tri), string lines, etc.
- KU9.** different types of joints to be used in frames including mitre joints, etc
- KU10.** how to measure the dimensions of the door/window frame
- KU11.** knowledge of setting out lines, datum lines and level pegs
- KU12.** methods of fastening the frame in position using correct tools and equipments
- KU13.** application of grout between wall and door/window frames to fill the gap
- KU14.** application of anti-splitting agent on wall and door/window frames
- KU15.** how to assemble the pre-cut main frame using correct tools
- KU16.** methods of checking the horizontal and vertical alignment of main frame
- KU17.** selection and use of correct door/window panel

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 language, preferably in the local language of the site
- GS3.** read sketches/routine working drawing or instructions provided for the work
- GS4.** read various, sign boards, safety rules and safety tags, instructions related to exit routes during emergency at the workplace
- 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 and equipment for installing doors and windows
- GS10.** determine that the dimensions of the opening are as per the size of the frame
- GS11.** determine whether the correct door/window panel are used as per approved drawings
- GS12.** determine whether dimensions of opening are as per size of frame
- GS13.** select appropriate bonding agent for application
- GS14.** plan self-work as per the direction /close supervision of superior



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- GS15.** complete work as per agreed time schedule and quality
- GS16.** resolve any conflict within the team
- GS17.** ensure alignment of the door/window frame is as per the setting out lines, datum lines and level pegs
- GS18.** optimize resources
- GS19.** minimize wastages
- GS20.** revert to superior for selection/sorting of materials
- GS21.** ensure that door/ window frame is aligned correctly
- GS22.** evaluate the complexity of the tasks and determine if any guidance is required from superior
- GS23.** check for suitability of sub frame openings



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Carry out preparatory works and fix frames and sub-frames for doors and windows as per specifications</i>	30	70	-	-
PC1. select and organize required tools and equipments for fixing doors and windows	-	-	-	-
PC2. measure the dimensions of the door/window frame to ensure correct size of frame	-	-	-	-
PC3. measure out space for the window in the walls or roof as per drawings/specifications	-	-	-	-
PC4. verify dimensions of the opening are as per the size of the frame	-	-	-	-
PC5. carry out chipping ,chiseling of masonry structure to provide gaps for fitting frame	-	-	-	-
PC6. select the correct door/window panel as per approved drawings	-	-	-	-
PC7. visually check any surface damage before installation	-	-	-	-
PC8. fit flashing to window surround as per applicability	-	-	-	-
PC9. PC9. Ensure to cover up the frame by suitable means to avoid damage of frame before installation	-	-	-	-
PC10. mark the underside of the wall or roof directly above the outline on the floor using a line	-	-	-	-
PC11. align the door/window frame against the setting out lines, datum lines and level pegs	-	-	-	-
PC12. secure the frame using timber wedges and adjust the position of wedges to obtain required vertical and horizontal alignment	-	-	-	-
PC13. ensure proper alignment and verify the under-cut dimensions before fastening the hinges	-	-	-	-
PC14. coat the surface of frame and sub frame with anti-splitting agent prior to installation	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC15. fasten the frame in position using appropriate wall plugs or galvanized straps	-	-	-	-
PC16. verify the dimensions of sub frame opening as per applicability	-	-	-	-
PC17. apply appropriate bonding agent over the sub frame and main frame	-	-	-	-
PC18. install the main frame over the sub frame and check the alignment of main frame and sub frame as per applicability	-	-	-	-
PC19. secure the main frame over sub frame using nails/screws as per specification	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1111
NOS Name	Carry out preparatory works and fix frames and sub-frames for fixing doors and window
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



Qualification Pack

CON/N1112: Install wooden /PVC doors /windows as per instructions

Description

This unit describes the skills and knowledge required to install wooden /PVC doors /windows as per instructions.

Scope

The scope covers the following :

- Install the door panels/window panels, decorative moldings as per specifications/instructions
- Finish the doors /windows

Elements and Performance Criteria

Install the door panels/window panels, decorative moldings as per specifications/ instructions

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

- PC1.** Install the door/window frame and sub-frame as per specification
- PC2.** Install the door/window panel as per specification
- PC3.** Ensure proper alignment and verify the under-cut dimensions before fastening the hinges
- PC4.** Ensure a consistent gap between door/window panel and door/window frame
- PC5.** Check and ensure the right type of decorative moulding is used for installation
- PC6.** Apply bonding agent to the underside of the architrave(decorative moulding) as per instructions
- PC7.** Install the decorative moulding around the door/window frame as per specification
- PC8.** Ensure the miter joints are flat and square at corners for seamless finish
- PC9.** Ensure proper swinging of doors after hinging
- PC10.** Check that an even contact has been created between the door/window face and the weather stripping attached to the frame

Finish the doors /windows

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

- PC11.** Insulate around the door/window frame using fiberglass insulation or low expansion foam as per applicability
- PC12.** Install the interior trim as per specifications
- PC13.** Ensure caulking of all joints of the trim and brick mold
- PC14.** Install the weather strip at the base of the door/window as per instructions

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for installing doors and windows
- KU2.** safety rules and regulations for installing doors and windows



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- 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 equipment
- KU6.** drawings and specifications related to fixing of doors
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including air compressors and hoses, marking equipment, measuring tapes and rules, nail bags, nail guns, power saws, protractors, saw stools, scaffolding, spirit levels, squares (combination/tri), string lines, etc.
- KU9.** different type of wooden and pvc doors and windows
- KU10.** different types of joints to be used in frames including miter joints
- KU11.** how to measure the dimensions of the door/window frame
- KU12.** knowledge of setting out lines, datum lines and level pegs
- KU13.** methods of fastening the frame in position using correct tools and equipments
- KU14.** application of grout between wall and door/window frames to fill the gap
- KU15.** how to assemble the pre-cut main frame using correct tools
- KU16.** methods of checking the horizontal and vertical alignment of main frame
- KU17.** selection and use of correct door/window panel
- KU18.** use correct insulation technique around the door/window frames

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 language, preferably in the local language of the site
- GS3.** read sketches/routine working drawing or instructions provided for the work
- GS4.** read various, sign boards, safety rules and safety tags , instructions related to exit routes during emergency at the workplace
- 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 suitable bonding agent for application
- GS10.** plan self-work as per the direction /close supervision of superiors
- GS11.** complete work as per agreed time schedule and quality
- GS12.** rectify the frames openings as per the frame fit for fixing doors and windows
- GS13.** optimize resources
- GS14.** minimize wastages
- GS15.** revert to superior for selection/sorting of materials
- GS16.** evaluate the complexity of the tasks and determine if any guidance is required from superior
- GS17.** check and confirm the joints are flat and square at corners



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GS18. check for proper alignment of doors and windows



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install the door panels/window panels, decorative moldings as per specifications/ instructions</i>	24	56	-	-
PC1. Install the door/window frame and sub-frame as per specification	-	-	-	-
PC2. Install the door/window panel as per specification	-	-	-	-
PC3. Ensure proper alignment and verify the under-cut dimensions before fastening the hinges	-	-	-	-
PC4. Ensure a consistent gap between door/window panel and door/window frame	-	-	-	-
PC5. Check and ensure the right type of decorative moulding is used for installation	-	-	-	-
PC6. Apply bonding agent to the underside of the architrave(decorative moulding) as per instructions	-	-	-	-
PC7. Install the decorative moulding around the door/window frame as per specification	-	-	-	-
PC8. Ensure the miter joints are flat and square at corners for seamless finish	-	-	-	-
PC9. Ensure proper swinging of doors after hinging	-	-	-	-
PC10. Check that an even contact has been created between the door/window face and the weather stripping attached to the frame	-	-	-	-
<i>Finish the doors /windows</i>	6	14	-	-
PC11. Insulate around the door/window frame using fiberglass insulation or low expansion foam as per applicability	-	-	-	-
PC12. Install the interior trim as per specifications	-	-	-	-
PC13. Ensure caulking of all joints of the trim and brick mold	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. Install the weather strip at the base of the door/window as per instructions	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1112
NOS Name	Install wooden /PVC doors /windows as per instructions
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



Qualification Pack

CON/N1113: Install pre-fabricated sliding doors and windows

Description

This unit describes the skills and knowledge required to install unitized curtain walls

Scope

The scope covers the following :

- Install and fix pre-fabricated sliding doors and window frames, door/window panels and decorative molding as per instructions and specifications
- Finish the doors /windows

Elements and Performance Criteria

Install and fix prefabricated sliding doors and window frames, door/window panels and decorative molding as per instructions and specifications

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

- PC1.** apply flexible waterproof flashing to the sides of bare wall surfaces along the frames as per applicability
- PC2.** ensure that frame should be plumb, square and not twisted between the openings
- PC3.** install sliding door frame or pocket wall frame as per specification for sliding doors/windows fixing
- PC4.** visually check any surface damage before installation
- PC5.** ensure proper alignment and verify the under-cut dimensions prior to installing doors/window panels
- PC6.** fit the sliding door into the frame and check that it glides well and is parallel to the frame sides
- PC7.** adjust the rollers under the sliding panel if necessary
- PC8.** assemble main frame at site as per size requirement
- PC9.** install vertical parts of main frame using appropriate bonding agent
- PC10.** fasten horizontal parts of frame after fixing and drying of vertical parts
- PC11.** caulk between the siding and the frame (or brick moulding) as per applicability
- PC12.** install the decorative moulding around the door/window frame as per specification
- PC13.** ensure the miter joints are flat and square at corners
- PC14.** check that an even contact has been created between the door/window face and the weather stripping attached to the frame

Finish the doors /windows

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

- PC15.** caulk between the siding and the frame (or brick moulding) as per applicability
- PC16.** insulate around the door/window frame using fiberglass insulation or low expansion foam as per applicability
- PC17.** install the interior trim as per specification



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- PC18.** ensure caulking of all joints of the trim and brick mold
- PC19.** install the weather strip at the base of the door/window as per instructions

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for installing sliding doors/windows
- KU2.** safety rules and regulations for installing doors and windows
- 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 equipment
- KU6.** sketches and specifications related to fixing of installing sliding doors/windows
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including marking equipment, measuring tapes and rules, stair clips and tables, steel squares and fences, string lines, etc
- KU9.** different types of joints to be used in frames including mitre joints, etc
- KU10.** how to measure the dimensions of the door frame
- KU11.** components of pocket wall frame systems
- KU12.** components of sliding doors and window frame assembly
- KU13.** knowledge of setting out lines, datum lines and level pegs
- KU14.** methods of fastening the frame in position using correct tools and equipments
- KU15.** how to assemble the pre-cut main frame using correct tools
- KU16.** methods of checking the horizontal and vertical alignment of main frame
- KU17.** use correct insulation technique around the window frames

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 language, preferably in the local language of the site
- GS3.** read sketches/routine working drawing or instructions provided for the work
- GS4.** read various, sign boards, safety rules and safety tags, instructions related to exit routes during emergency at the workplace
- 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.** determine suitability of frame by checking for squareness, plumb, etc.
- GS10.** plan work and organize required resource in coordination with team member and superior



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- GS11.** complete work as per agreed time schedule and quality
- GS12.** resolve any conflict within the team
- GS13.** check and ensure that the frame is plumb, square and not twisted between the openings
- GS14.** check the surface for damage before installation
- GS15.** check and ensure that the miter joints are flat and square at corners
- GS16.** optimize resources
- GS17.** minimize wastages
- GS18.** revert to superior for selection/sorting of materials
- GS19.** check for proper alignment of pre-fabricated doors and windows
- GS20.** evaluate the complexity of the tasks and determine if any guidance is required from superior



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install and fix prefabricated sliding doors and window frames, door/window panels and decorative molding as per instructions and specifications</i>	24	56	-	-
PC1. apply flexible waterproof flashing to the sides of bare wall surfaces along the frames as per applicability	-	-	-	-
PC2. ensure that frame should be plumb, square and not twisted between the openings	-	-	-	-
PC3. install sliding door frame or pocket wall frame as per specification for sliding doors/windows fixing	-	-	-	-
PC4. visually check any surface damage before installation	-	-	-	-
PC5. ensure proper alignment and verify the under-cut dimensions prior to installing doors/window panels	-	-	-	-
PC6. fit the sliding door into the frame and check that it glides well and is parallel to the frame sides	-	-	-	-
PC7. adjust the rollers under the sliding panel if necessary	-	-	-	-
PC8. assemble main frame at site as per size requirement	-	-	-	-
PC9. install vertical parts of main frame using appropriate bonding agent	-	-	-	-
PC10. fasten horizontal parts of frame after fixing and drying of vertical parts	-	-	-	-
PC11. caulk between the siding and the frame (or brick moulding) as per applicability	-	-	-	-
PC12. install the decorative moulding around the door/window frame as per specification	-	-	-	-
PC13. ensure the miter joints are flat and square at corners	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. check that an even contact has been created between the door/window face and the weather stripping attached to the frame	-	-	-	-
<i>Finish the doors /windows</i>	6	14	-	-
PC15. caulk between the siding and the frame (or brick moulding) as per applicability	-	-	-	-
PC16. insulate around the door/window frame using fiberglass insulation or low expansion foam as per applicability	-	-	-	-
PC17. install the interior trim as per specification	-	-	-	-
PC18. ensure caulking of all joints of the trim and brick mold	-	-	-	-
PC19. install the weather strip at the base of the door/window as per instructions	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1113
NOS Name	Install pre-fabricated sliding doors and windows
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



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CON/N1114: Install aluminum doors and windows with glass glazing

Description

This unit describes the skills and knowledge required to install aluminum doors and windows with glass glazing

Scope

The scope covers the following :

- Install aluminum doors and windows, glass door/window panels and decorative molding as per instructions and specifications

Elements and Performance Criteria

Install aluminium doors and windows, glass door/window panels and decorative molding as per instructions and specifications

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

- PC1.** apply flexible waterproof flashing to the sides of bare wall surfaces along the frames as per applicability
- PC2.** ensure that frame should be plumb, square and not twisted between the openings
- PC3.** check inner frame and associated hardware for defects
- PC4.** weep holes in the inner frames should be cleared of blockage to allow discharge of incidental water prior to installation
- PC5.** check and confirm the sequence of panel installation
- PC6.** check labels on the glass panels against the panel fixing plan and schedule
- PC7.** standardize the orientation of the glass panels so that the positioning of logos/trademarks is consistent
- PC8.** check the gasket for any physical damages
- PC9.** ensure gasket is free from dust and dirt to ensure good grip onto the frame and beadings
- PC10.** check to confirm that profile of the gaskets is compatible with that of the beads used to secure the glass panels
- PC11.** insert glass panel into the frame for doors and windows as per specification
- PC12.** hold glass panels in place using spacer hooks
- Pc13.** splice gasket to fit around corners of the glass panes
- Pc14.** fix the gasket in place using appropriate tools
- PC15.** secure then gasket in place with a appropriate tools and beading
- PC16.** seal the gap between the gasket and beading using appropriate sealant
- PC17.** use suitable masking tape to protect glass during sealant application
- PC18.** install the decorative moulding around the door/window frame as per specification
- PC19.** ensure the miter joints are flat and square at corners
- PC20.** check that an even contact has been created between the door/window face and the weather stripping attached to the frame



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PC21. carry out insulation around doors/windows as per specification

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for installing doors/windows
- KU2.** safety rules and regulations for installing doors and windows
- 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 equipment
- KU6.** sketches and specifications related to fixing of installing sliding doors/windows
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including marking equipment, measuring tapes and rules, stair clips and tables, steel squares and fences, string lines, etc
- KU9.** different types of joints to be used in frames including mitre joints, etc
- KU10.** how to measure the dimensions of the door frame
- KU11.** components of pocket wall frame systems
- KU12.** knowledge of setting out lines, datum lines and level pegs
- KU13.** methods of fastening the frame in position using correct tools and equipments
- KU14.** method of fixing aluminum doors and windows
- KU15.** method of fastening glass panels to doors and windows
- KU16.** how to hold glass panels in place using spacer hooks
- KU17.** estimate the length of the gasket required
- KU18.** different sealants used for fixing beading
- KU19.** different gasket and their fixing procedure
- KU20.** methods of checking the horizontal and vertical alignment of main frame
- KU21.** use correct insulation technique around the door/window frames

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 language, preferably in the local language of the site
- GS3.** read sketches/routine working drawing or instructions provided for the work
- GS4.** read various, sign boards, safety rules and safety tags , instructions related to exit routes during emergency at the workplace
- 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



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- GS8.** decide whether the workplace is safe for working and also check that the relevant work is not creating hazardous conditions for others
- GS9.** determine suitability of frame by checking for squareness, plumb, etc.
- GS10.** determine whether profile of the gaskets is compatible with that of the beading used to secure the glass panels
- GS11.** plan work and organize required resource in coordination with team member and superior
- GS12.** complete work as per agreed time schedule and quality
- GS13.** resolve any conflict within the team
- GS14.** check for defects in hardware and inner frame
- GS15.** ensure that dust and dirt has been removed from the gasket
- GS16.** optimize resources
- GS17.** minimize wastages
- GS18.** revert to superior for selection/sorting of materials
- GS19.** assess whether miter joints are flat and square at corners
- GS20.** evaluate the complexity of the tasks and determine if any guidance is required from superior
- GS21.** assess whether installation is being carried out as per required sequence



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install aluminium doors and windows, glass door/window panels and decorative molding as per instructions and specifications</i>	30	70	-	-
PC1. apply flexible waterproof flashing to the sides of bare wall surfaces along the frames as per applicability	-	-	-	-
PC2. ensure that frame should be plumb, square and not twisted between the openings	-	-	-	-
PC3. check inner frame and associated hardware for defects	-	-	-	-
PC4. weep holes in the inner frames should be cleared of blockage to allow discharge of incidental water prior to installation	-	-	-	-
PC5. check and confirm the sequence of panel installation	-	-	-	-
PC6. check labels on the glass panels against the panel fixing plan and schedule	-	-	-	-
PC7. standardize the orientation of the glass panels so that the positioning of logos/trademarks is consistent	-	-	-	-
PC8. check the gasket for any physical damages	-	-	-	-
PC9. ensure gasket is free from dust and dirt to ensure good grip onto the frame and beadings	-	-	-	-
PC10. check to confirm that profile of the gaskets is compatible with that of the beads used to secure the glass panels	-	-	-	-
PC11. insert glass panel into the frame for doors and windows as per specification	-	-	-	-
PC12. hold glass panels in place using spacer hooks	-	-	-	-
PC13. splice gasket to fit around corners of the glass panes	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. fix the gasket in place using appropriate tools	-	-	-	-
PC15. secure then gasket in place with a appropriate tools and beading	-	-	-	-
PC16. seal the gap between the gasket and beading using appropriate sealant	-	-	-	-
PC17. use suitable masking tape to protect glass during sealant application	-	-	-	-
PC18. install the decorative moulding around the door/window frame as per specification	-	-	-	-
PC19. ensure the miter joints are flat and square at corners	-	-	-	-
PC20. check that an even contact has been created between the door/window face and the weather stripping attached to the frame	-	-	-	-
PC21. carry out insulation around doors/windows as per specification	-	-	-	-
NOS Total	30	70	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	CON/N1114
NOS Name	Install aluminum doors and windows with glass glazing
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



Qualification Pack

CON/N1115: Install hardware and accessories on doors and windows

Description

This unit describes the skills and knowledge required to install hardware and accessories on doors and windows

Scope

The scope covers the following :

- Install hardware and accessories on doors and windows as per instructions except electronic hardware

Elements and Performance Criteria

Install hardware and accessories on doors and windows as per instructions except electronic hardware

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

- PC1.** identify the type of door and window hardware from the job specifications
- PC2.** identify and use required tools and tackles for installing hardware on doors and windows
- PC3.** mark level and point for fixing doors and windows hardware
- PC4.** drill holes or cut through doors/windows to accommodate for hardware fixing
- PC5.** install latch assembly in accordance with the job and manufacturer specifications
- PC6.** install handles and cylinder locks as per specifications
- PC7.** fasten face plates and keepers in place as per specification
- PC8.** adjust hardware to suit the alignment and level to match with job specification
- PC9.** fix other hardware such as stoppers, door closers etc as per specifications

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for installing doors/windows
- KU2.** safety rules and regulations for installing doors and windows
- 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 equipment
- KU6.** sketches and specifications related to fixing of installing sliding doors/windows
- KU7.** basic principles of measurement
- KU8.** selection and use of tools and equipments including marking equipment, measuring tapes and rules, stair clips and tables, steel squares and fences, string lines, etc
- KU9.** component of handle and lock set including interior/exterior handles ,lock body , face plate ,cylinder locks ,lock keeper ,key and assembly screws, hinges, rollers for sliding door, door closers



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- KU10.** methods of fastening the hardware in position using correct tools and equipments
- KU11.** tools used for installing various hardware such as screwdriver, drilling machines, screws, fasteners, screw drill etc
- KU12.** methods of installing correct lockset and architraves for the windows
- KU13.** method of installing latch assembly
- KU14.** method of installing handles and cylinder lock
- KU15.** method of fastening face plates and keepers
- KU16.** homethod of check line and level and adjusting alignment of hardware to suit requirement

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 language, preferably in the local language of the site
- GS3.** read sketches/routine working drawing or instructions provided for the work
- GS4.** read various, sign boards, safety rules and safety tags , instructions related to exit routes during emergency at the workplace
- 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.** determine the type of hardware required as per specifications
- GS10.** determine suitable tools and tackles required for installing hardware
- GS11.** plan self-work as per the direction /close supervision of superiors
- GS12.** complete work as per agreed time schedule and quality
- GS13.** check and adjust hardware/panel and frame for the alignment and level as per specifications
- GS14.** optimize resources
- GS15.** minimize wastages
- GS16.** revert to superior for selection/sorting of materials
- GS17.** assess alignment and level of hardware and make necessary adjustments
- GS18.** evaluate the complexity of the tasks and determine if any guidance isrequired from superior



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install hardware and accessories on doors and windows as per instructions except electronic hardware</i>	30	70	-	-
PC1. identify the type of door and window hardware from the job specifications	-	-	-	-
PC2. identify and use required tools and tackles for installing hardware on doors and windows	-	-	-	-
PC3. mark level and point for fixing doors and windows hardware	-	-	-	-
PC4. drill holes or cut through doors/windows to accommodate for hardware fixing	-	-	-	-
PC5. install latch assembly in accordance with the job and manufacturer specifications	-	-	-	-
PC6. install handles and cylinder locks as per specifications	-	-	-	-
PC7. fasten face plates and keepers in place as per specification	-	-	-	-
PC8. adjust hardware to suit the alignment and level to match with job specification	-	-	-	-
PC9. fix other hardware such as stoppers, door closers etc as per specifications	-	-	-	-
NOS Total	30	70	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	CON/N1115
NOS Name	Install hardware and accessories on doors and windows
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Interior & Exterior Finishes
NSQF Level	4
Credits	TBD
Version	2.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



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



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Interact and communicate in effective and conclusive manner</i>	18	42	-	-
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	-	-	-	-
<i>Support co-workers to execute project requirements</i>	12	28	-	-
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	-	-	-	-
NOS Total	30	70	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

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



Qualification Pack

CON/N8002: Plan and organize work to meet expected outcomes

Description

This unit describes the knowledge and the skills required for an individual to plan and organize own work in order to meet expected outcome

Scope

The scope covers the following :

- Prioritize work activities to achieve desired results
- Organize desired resources prior to commencement of work

Elements and Performance Criteria

Prioritize work activities to achieve desired results

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

- PC1.** understand clearly the targets and timelines set by superiors
- PC2.** plan activities as per schedule and sequence
- PC3.** provide guidance to the subordinates to obtain desired outcome
- PC4.** plan housekeeping activities prior to and post completion of work

Organize desired resources prior to commencement of work

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

- PC5.** list and arrange required resources prior to commencement of work
- PC6.** select and employ correct tools, tackles and equipment for completion of desired work
- PC7.** complete the work with allocated resources
- PC8.** engage allocated manpower in an appropriate manner
- PC9.** use resources in an optimum manner to avoid any unnecessary wastage
- PC10.** employ tools, tackles and equipment with care to avoid damage to the same
- PC11.** organize work output, materials used, tools and tackles deployed
- PC12.** processes adopted to be in line with the specified standards and instructions

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** importance of proper housekeeping
- KU2.** policies, procedures and work targets set by superiors
- KU3.** roles and responsibilities in executing the work for subordinates and self
- KU4.** standard practices of work to be adopted for assigned task
- KU5.** how to use available resources in a judicious and appropriate manner to minimize wastages or damage



Qualification Pack

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.** list out the assigned works and targets
- GS3.** read in one or more language, preferably the local language at the site
- GS4.** read communication from co-workers, superiors and notices from other departments as per requirement of the level
- GS5.** speak in one or more language, preferably one of the local language at the site
- GS6.** listen and follow communication shared by co-workers regarding standard work processes, resources available, timelines, etc.
- GS7.** communicate effectively with co-workers and subordinates
- GS8.** decide on what sequence is to be adopted for execution of work
- GS9.** plan and organize the materials, tools, tackles and equipment required to execute the work
- GS10.** complete all assigned task with proper planning and organizing
- GS11.** arrange or seek help to arrange for material, tools and tackles in case of shortfall
- GS12.** analyze areas of work which could result in a delay of work, wastage of material or damage to tools and tackles
- GS13.** evaluate potential solutions to minimize avoidable delays and wastages at the construction site



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prioritize work activities to achieve desired results</i>	12	28	-	-
PC1. understand clearly the targets and timelines set by superiors	-	-	-	-
PC2. plan activities as per schedule and sequence	-	-	-	-
PC3. provide guidance to the subordinates to obtain desired outcome	-	-	-	-
PC4. plan housekeeping activities prior to and post completion of work	-	-	-	-
<i>Organize desired resources prior to commencement of work</i>	18	42	-	-
PC5. list and arrange required resources prior to commencement of work	-	-	-	-
PC6. select and employ correct tools, tackles and equipment for completion of desired work	-	-	-	-
PC7. complete the work with allocated resources	-	-	-	-
PC8. engage allocated manpower in an appropriate manner	-	-	-	-
PC9. use resources in an optimum manner to avoid any unnecessary wastage	-	-	-	-
PC10. employ tools, tackles and equipment with care to avoid damage to the same	-	-	-	-
PC11. organize work output, materials used, tools and tackles deployed	-	-	-	-
PC12. processes adopted to be in line with the specified standards and instructions	-	-	-	-
NOS Total	30	70	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	CON/N8002
NOS Name	Plan and organize work to meet expected outcomes
Sector	Construction
Sub-Sector	Generic
Occupation	Generic
NSQF Level	4
Credits	TBD
Version	3.0
Last Reviewed Date	NA
Next Review Date	NA
NSQC Clearance Date	



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



Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Follow safety norms as defined by organization</i>	9	21	-	-
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	-	-	-	-
<i>Adopt healthy & safe work practices</i>	15	35	-	-
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	-	-	-	-



Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. follow safety protocol and practices as laid down by site EHS department	-	-	-	-
PC12. undertake and pass height pass test as per EHS guideline	-	-	-	-
<i>Implement good housekeeping practices</i>	6	14	-	-
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	-	-	-	-
NOS Total	30	70	-	-



Qualification Pack

National Occupational Standards (NOS) Parameters

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

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 70%. To pass the Qualification Pack, every trainee should score a minimum of 70% 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.



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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 NOSs, the trainee is eligible to take subsequent assessment on the balance NOSs to pass the Qualification Pack within
10. Minimum duration of Assessment of each QP shall be of 4hrs/trainee.

Minimum Aggregate Passing % at QP Level : 70

(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/N1111.Carry out preparatory works and fix frames and sub-frames for fixing doors and window	30	70	-	-	100	9
CON/N1112.Install wooden /PVC doors /windows as per instructions	30	70	-	-	100	17
CON/N1113.Install pre-fabricated sliding doors and windows	30	70	-	-	100	17
CON/N1114.Install aluminum doors and windows with glass glazing	30	70	-	-	100	17
CON/N1115.Install hardware and accessories on doors and windows	30	70	-	-	100	12
CON/N8001.Work effectively in a team to deliver desired results at the workplace	30	70	-	-	100	7



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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N8002.Plan and organize work to meet expected outcomes	30	70	0	0	100	7
CON/N9001.Work according to personal health, safety and environment protocol at construction site	30	70	-	-	100	14
Total	240	560	0	0	800	100



Qualification Pack

Acronyms

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



Qualification Pack

Glossary

Sector	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.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	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.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	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.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	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.
Scope	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.



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Knowledge and Understanding (KU)	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.
Organisational Context	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.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	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.
Electives	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.
Options	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.