



## Qualification Pack



# Facade Installer

QP Code: CON/Q1106

Version: 3.0

NSQF Level: 3.5

Construction Skill Development Council of India || CPB 103 & 104 (1st Floor), Block 4B, DLF Corporate Park, Phase III, MG Road  
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## Qualification Pack

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## Qualification Pack

### CON/Q1106: Facade Installer

#### Brief Job Description

A Facade Installer performs facade installation of stick system and structural glazing type of curtain wall and panels. The individual conducts appropriate checks and takes necessary measurements before fixing the stick system, unitized, and structural glazing curtain walls.

#### Personal Attributes

The individual should be physically fit to work long durations in varying site conditions. The person should be organized, diligent, and methodical. The person should have appropriate verbal and written communication skills.

#### Applicable National Occupational Standards (NOS)

##### Compulsory NOS:

1. [CON/N1116: Conduct appropriate checks and take necessary measurements to install curtain walls](#)
2. [CON/N1117: Install stick system curtain walls](#)
3. [CON/N1119: Install structural glazing type of facade](#)
4. [CON/N8001: Work effectively in a team to deliver desired results at the workplace](#)
5. [CON/N8002: Plan and organize work to meet expected outcomes](#)
6. [CON/N9001: Work according to personal health, safety and environment protocols at construction site](#)
7. [DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)

#### Qualification Pack (QP) Parameters

<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior and Exterior Finishes
<b>Country</b>	India
<b>NSQF Level</b>	3.5



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<b>Credits</b>	12
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/7125.0100
<b>Minimum Educational Qualification &amp; Experience</b>	<p>11th grade pass OR Completed 1st year of 3-year diploma (after 10th) and pursuing regular diploma OR 10th grade pass and pursuing continuous schooling OR 8th grade pass with 3 Years of experience in the relevant field OR Previous relevant Qualification of NSQF Level (2.5) with 3 Years of experience in the relevant field OR Previous relevant Qualification of NSQF Level (3) with 1.5 Years of experience in the relevant field)</p>
<b>Minimum Level of Education for Training in School</b>	5th Class
<b>Pre-Requisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	NA
<b>Next Review Date</b>	31/08/2026
<b>NSQC Approval Date</b>	31/08/2023
<b>Version</b>	3.0
<b>Reference code on NQR</b>	QG-3.5-CO-00801-2023-V2-CSDCI
<b>NQR Version</b>	1



## Qualification Pack

### CON/N1116: Conduct appropriate checks and take necessary measurements to install curtain walls

#### Description

This occupational standards unit is about carrying out appropriate checks and taking the necessary measurements before fixing the stick system, unitized, and structural glazing curtain walls.

#### Scope

The scope covers the following :

- Conduct appropriate checks and take necessary measurements

#### Elements and Performance Criteria

##### *Conduct appropriate checks and take necessary measurements*

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

- PC1.** interpret the sketches and work methodology relevant to facade installation
- PC2.** select the appropriate type of panel material and frames and the method of fixing them
- PC3.** check the panels are of specified material and type and as per the given specifications
- PC4.** select the appropriate tools and equipment and check them before use to determine their usability
- PC5.** examine the glass panels for surface and edge defects
- PC6.** identify defective panels and frame members which are not fit for installation and replace them with the new ones
- PC7.** check the availability of appropriate lifting equipment at the installation site
- PC8.** measure and check the structural adequacy of interface structure to ensure the structure is fit to accommodate wall panels and connections, etc.
- PC9.** check the rigidity of the fixed-framed structure /interface
- PC10.** measure the sub-frame to ensure it is straight, aligned and rigid, and straighten it, as required
- PC11.** check to ensure the joints in the frame are as per the approved specification
- PC12.** ensure proper cleaning of joints and application of primer on them as applicable
- PC13.** check the wall framing members are secure in their place
- PC14.** check the gasket and sealant are as per the applicable specifications
- PC15.** check the fixing members are of the specified materials, type, and size
- PC16.** plan the installation of panels as the per approved method

#### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the standard practices and safety measures concerning facade installation



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- KU2.** the importance of personal protection and the use of Personal Protective Equipment (PPE)
- KU3.** the use and maintenance of tools and equipment
- KU4.** the use of relevant sketches for facade installation and the facade installation process
- KU5.** different types of windows, such as, side hung, projecting side, top hung, tilt turn, vertical slider, horizontal slider, vertical pivot, horizontal pivot, etc.
- KU6.** different types of glasses used for panels
- KU7.** different types of frame materials, such as timber, steel, aluminium, PVCu, composites, etc.
- KU8.** different types of curtain walls, such as panelized curtain walls, unitized curtain walls, stick system curtain walls, rain screens, etc.
- KU9.** the properties and applications of different types of panelling material, such as aluminium composite panels, glass, glass fibre reinforced concrete, stone, ceramic, etc.
- KU10.** the appropriate fastening methods, such as clips and screws, backside attachment, etc.
- KU11.** the effects of temperature and vapour on facade
- KU12.** the applicable tolerance limits for the uniformity of joints
- KU13.** the use of different types of joints for frames, such as butt joint
- KU14.** different types of flashing and interface and the process of constructing them as per the relevant drawings and specifications
- KU15.** the difference between transom-drained, and mullion-drained curtain walls
- KU16.** the components of different types of curtain walls
- KU17.** the use of glazing gaskets and sealants
- KU18.** how to check for alignment, straightness and plumb and imperfections in panels and sub-frames
- KU19.** the importance and process of cleaning frame joints
- KU20.** the use of appropriate lifting devices to lift heavy panels
- KU21.** the applicable tolerance limits for panel positioning
- KU22.** how to keep the panels in the facade flat and straight using an appropriate number of screws per sheet
- KU23.** the principles of water and air tightness and the concept of drained, ventilated, and pressure equalized facades

## Generic Skills (GS)

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

- GS1.** maintain the appropriate data and records
- GS2.** read the appropriate reports and literature concerning the field of work
- GS3.** communicate professionally with all the stakeholders
- GS4.** listen attentively to understand the information/ instructions being shared and take appropriate action
- GS5.** coordinate with the co-workers to achieve the work objectives
- GS6.** plan and execute tasks based on priority
- GS7.** identify possible disruptions to work and take appropriate mitigation measures



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- GS8.** take prompt action to deal with workplace emergencies and accidents
- GS9.** evaluate all possible solutions to work-related problems and select the best one
- GS10.** follow the recommended practices for the timely completion of work and achievement of organizational objectives



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Conduct appropriate checks and take necessary measurements</i>	30	60	-	10
<b>PC1.</b> interpret the sketches and work methodology relevant to facade installation	-	-	-	-
<b>PC2.</b> select the appropriate type of panel material and frames and the method of fixing them	-	-	-	-
<b>PC3.</b> check the panels are of specified material and type and as per the given specifications	-	-	-	-
<b>PC4.</b> select the appropriate tools and equipment and check them before use to determine their usability	-	-	-	-
<b>PC5.</b> examine the glass panels for surface and edge defects	-	-	-	-
<b>PC6.</b> identify defective panels and frame members which are not fit for installation and replace them with the new ones	-	-	-	-
<b>PC7.</b> check the availability of appropriate lifting equipment at the installation site	-	-	-	-
<b>PC8.</b> measure and check the structural adequacy of interface structure to ensure the structure is fit to accommodate wall panels and connections, etc.	-	-	-	-
<b>PC9.</b> check the rigidity of the fixed-framed structure /interface	-	-	-	-
<b>PC10.</b> measure the sub-frame to ensure it is straight, aligned and rigid, and straighten it, as required	-	-	-	-
<b>PC11.</b> check to ensure the joints in the frame are as per the approved specification	-	-	-	-
<b>PC12.</b> ensure proper cleaning of joints and application of primer on them as applicable	-	-	-	-





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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC13.</b> check the wall framing members are secure in their place	-	-	-	-
<b>PC14.</b> check the gasket and sealant are as per the applicable specifications	-	-	-	-
<b>PC15.</b> check the fixing members are of the specified materials, type, and size	-	-	-	-
<b>PC16.</b> plan the installation of panels as the per approved method	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>60</b>	<b>-</b>	<b>10</b>



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1116
<b>NOS Name</b>	Conduct appropriate checks and take necessary measurements to install curtain walls
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3.5
<b>Credits</b>	3
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	31/08/2023
<b>Next Review Date</b>	31/08/2026
<b>NSQC Clearance Date</b>	31/08/2023



## Qualification Pack

### CON/N1117: Install stick system curtain walls

#### Description

This occupational standards unit is about installing stick system curtain walls.

#### Scope

The scope covers the following :

- Install stick system curtain walls

#### Elements and Performance Criteria

##### *Install stick system curtain walls*

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

- PC1.** check and ensure the wall members are cut to the appropriate length
- PC2.** install the vertical mullion over the floor edge with a steel angle, maintaining the recommended spacing
- PC3.** install expansion joint in vertical mullions as per instructions
- PC4.** attach the horizontal mullion (transom) to the vertical mullion to create a frame opening
- PC5.** install a corner block at the junction of the vertical mullion and rail
- PC6.** install panels in the vision area and spandrel panel cover area as per the specification
- PC7.** install vision panels in frame opening between floors as per the specifications
- PC8.** seal the inside of panels using a dry gasket or sealant, as specified
- PC9.** check each panel is plumb and panel joints are uniformly engaged as per the requirements
- PC10.** maintain panels in their position using full-length pressure plates and aluminum snap caps
- PC11.** follow the appropriate fastening method
- PC12.** enclose the spandrel area with a metal back pan (air and vapor barrier), with high-density glass fiber or mineral fiber insulation within the back pan
- PC13.** fasten and seal the back pan to the frame as per the specification
- PC14.** check pilot holes are of the appropriate size for the fastening process
- PC15.** check the screws and panel clip attachments are secured at the appropriate angle, as per the specified procedure
- PC16.** follow the recommended measures to protect the coated surface from damage during handling and installation
- PC17.** carry out weatherproofing and provide drainage in the stick system, as per the specifications
- PC18.** ensure window and door openings are provided as per the specification
- PC19.** create weep holes as applicable
- PC20.** follow the acceptable tolerance limit in fixing all the elements

#### Knowledge and Understanding (KU)



## Qualification Pack

The individual on the job needs to know and understand:

- KU1.** the process of measuring and marking the panels for installing facades
- KU2.** the applicable safety measures for facade installation
- KU3.** the use and maintenance of relevant tools and equipment
- KU4.** the use of relevant sketches for facade installation
- KU5.** different components of the stick build system and the hardware components for installation
- KU6.** different components of the stick system curtain wall
- KU7.** different hardware components for stick wall curtain system, such as anchors, aluminium connectors, setting blocks, corner blocks, pressure plates, caps, gaskets and sealants
- KU8.** the use of corner block to separate the glazing cavity of the sealed units from that of the spandrel area
- KU9.** different sealants and gaskets used for weatherproofing and drainage system

## Generic Skills (GS)

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

- GS1.** maintain the appropriate data and records
- GS2.** read the appropriate reports and literature concerning the field of work
- GS3.** communicate professionally with all the stakeholders
- GS4.** listen attentively to understand the information/ instructions being shared and take appropriate action
- GS5.** coordinate with the co-workers to achieve the work objectives
- GS6.** plan and execute tasks based on priority
- GS7.** identify possible disruptions to work and take appropriate mitigation measures
- GS8.** take prompt action to deal with workplace emergencies and accidents
- GS9.** evaluate all possible solutions to work-related problems and select the best one
- GS10.** follow the recommended practices for the timely completion of work and achievement of organizational objectives



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install stick system curtain walls</i>	<b>30</b>	<b>60</b>	-	<b>10</b>
<b>PC1.</b> check and ensure the wall members are cut to the appropriate length	-	-	-	-
<b>PC2.</b> install the vertical mullion over the floor edge with a steel angle, maintaining the recommended spacing	-	-	-	-
<b>PC3.</b> install expansion joint in vertical mullions as per instructions	-	-	-	-
<b>PC4.</b> attach the horizontal mullion (transom) to the vertical mullion to create a frame opening	-	-	-	-
<b>PC5.</b> install a corner block at the junction of the vertical mullion and rail	-	-	-	-
<b>PC6.</b> install panels in the vision area and spandrel panel cover area as per the specification	-	-	-	-
<b>PC7.</b> install vision panels in frame opening between floors as per the specifications	-	-	-	-
<b>PC8.</b> seal the inside of panels using a dry gasket or sealant, as specified	-	-	-	-
<b>PC9.</b> check each panel is plumb and panel joints are uniformly engaged as per the requirements	-	-	-	-
<b>PC10.</b> maintain panels in their position using full-length pressure plates and aluminum snap caps	-	-	-	-
<b>PC11.</b> follow the appropriate fastening method	-	-	-	-
<b>PC12.</b> enclose the spandrel area with a metal back pan (air and vapor barrier), with high-density glass fiber or mineral fiber insulation within the back pan	-	-	-	-
<b>PC13.</b> fasten and seal the back pan to the frame as per the specification	-	-	-	-
<b>PC14.</b> check pilot holes are of the appropriate size for the fastening process	-	-	-	-



## Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC15.</b> check the screws and panel clip attachments are secured at the appropriate angle, as per the specified procedure	-	-	-	-
<b>PC16.</b> follow the recommended measures to protect the coated surface from damage during handling and installation	-	-	-	-
<b>PC17.</b> carry out weatherproofing and provide drainage in the stick system, as per the specifications	-	-	-	-
<b>PC18.</b> ensure window and door openings are provided as per the specification	-	-	-	-
<b>PC19.</b> create weep holes as applicable	-	-	-	-
<b>PC20.</b> follow the acceptable tolerance limit in fixing all the elements	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>60</b>	<b>-</b>	<b>10</b>



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1117
<b>NOS Name</b>	Install stick system curtain walls
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3.5
<b>Credits</b>	3
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	31/08/2023
<b>Next Review Date</b>	31/08/2026
<b>NSQC Clearance Date</b>	31/08/2023



## Qualification Pack

### CON/N1119: Install structural glazing type of facade

#### Description

This occupational standards unit is about installing structural glazing type of facade.

#### Scope

The scope covers the following :

- Install structural glazing type of facade

#### Elements and Performance Criteria

##### *Install structural glazing type of facade*

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

- PC1.** check and ensure wall members are cut to the appropriate length
- PC2.** check the as-built surface for adequacy before fixing structural glazing
- PC3.** install the vertical mullion over the floor edge with a steel angle, maintaining the recommended spacing
- PC4.** install expansion joint in vertical mullions as per instructions
- PC5.** attach the horizontal mullion (transom) to the vertical mullion to create a frame opening
- PC6.** install a corner block at the junction of the vertical mullion and rail
- PC7.** install panels in the vision area and spandrel panel cover area as per the specification
- PC8.** install vision panels in frame opening between floors
- PC9.** check each panel is plumb and panel joints are uniformly engaged as per the requirements
- PC10.** maintain panels in their position using full-length pressure plates and aluminum snap caps
- PC11.** follow the appropriate fastening method
- PC12.** create a cap-less vertical joint system by sealing from the outside using silicone sealant as per specification
- PC13.** check the pilot holes are of the appropriate size for the fastening process
- PC14.** check the screws and panel clip attachments are secured at the appropriate angle as per the specified procedure
- PC15.** follow the recommended measures to protect the coated surface from damage during handling and installation
- PC16.** carry out weatherproofing and provide drainage in the stick system as per the specifications
- PC17.** ensure window and door openings are provided as per the specification
- PC18.** create weep holes as applicable
- PC19.** follow the acceptable tolerance limit in fixing all the elements

#### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:





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- KU1.** the use of schematic drawings and sketches for facade installation
- KU2.** different types of glass used for panels
- KU3.** different components of the structural glazing system including hardware components for installation
- KU4.** the components of structural glazing type of curtain wall
- KU5.** the applications of different curtain wall systems
- KU6.** the tolerance limits for the uniformity of joints
- KU7.** different types of joints in facade work
- KU8.** different types of sealants and gaskets used for weatherproofing and drainage system
- KU9.** the uses of silicon sealant and the process of its application

## Generic Skills (GS)

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

- GS1.** maintain the appropriate data and records
- GS2.** read the appropriate reports and literature concerning the field of work
- GS3.** communicate professionally with all the stakeholders
- GS4.** listen attentively to understand the information/ instructions being shared and take appropriate action
- GS5.** coordinate with the co-workers to achieve the work objectives
- GS6.** plan and execute tasks based on priority
- GS7.** identify possible disruptions to work and take appropriate mitigation measures
- GS8.** take prompt action to deal with workplace emergencies and accidents
- GS9.** evaluate all possible solutions to work-related problems and select the best one
- GS10.** follow the recommended practices for the timely completion of work and achievement of organizational objectives



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Install structural glazing type of facade</i>	<b>30</b>	<b>60</b>	<b>-</b>	<b>10</b>
<b>PC1.</b> check and ensure wall members are cut to the appropriate length	-	-	-	-
<b>PC2.</b> check the as-built surface for adequacy before fixing structural glazing	-	-	-	-
<b>PC3.</b> install the vertical mullion over the floor edge with a steel angle, maintaining the recommended spacing	-	-	-	-
<b>PC4.</b> install expansion joint in vertical mullions as per instructions	-	-	-	-
<b>PC5.</b> attach the horizontal mullion (transom) to the vertical mullion to create a frame opening	-	-	-	-
<b>PC6.</b> install a corner block at the junction of the vertical mullion and rail	-	-	-	-
<b>PC7.</b> install panels in the vision area and spandrel panel cover area as per the specification	-	-	-	-
<b>PC8.</b> install vision panels in frame opening between floors	-	-	-	-
<b>PC9.</b> check each panel is plumb and panel joints are uniformly engaged as per the requirements	-	-	-	-
<b>PC10.</b> maintain panels in their position using full-length pressure plates and aluminum snap caps	-	-	-	-
<b>PC11.</b> follow the appropriate fastening method	-	-	-	-
<b>PC12.</b> create a cap-less vertical joint system by sealing from the outside using silicone sealant as per specification	-	-	-	-
<b>PC13.</b> check the pilot holes are of the appropriate size for the fastening process	-	-	-	-
<b>PC14.</b> check the screws and panel clip attachments are secured at the appropriate angle as per the specified procedure	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC15.</b> follow the recommended measures to protect the coated surface from damage during handling and installation	-	-	-	-
<b>PC16.</b> carry out weatherproofing and provide drainage in the stick system as per the specifications	-	-	-	-
<b>PC17.</b> ensure window and door openings are provided as per the specification	-	-	-	-
<b>PC18.</b> create weep holes as applicable	-	-	-	-
<b>PC19.</b> follow the acceptable tolerance limit in fixing all the elements	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>60</b>	<b>-</b>	<b>10</b>



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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	CON/N1119
<b>NOS Name</b>	Install structural glazing type of facade
<b>Sector</b>	Construction
<b>Sub-Sector</b>	Real Estate and Infrastructure construction
<b>Occupation</b>	Interior & Exterior Finishes
<b>NSQF Level</b>	3.5
<b>Credits</b>	2
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	31/08/2023
<b>Next Review Date</b>	31/08/2026
<b>NSQC Clearance Date</b>	31/08/2023



## Qualification Pack

### DGT/VSQ/N0101: Employability Skills (30 Hours)

#### Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

#### Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

#### Elements and Performance Criteria

##### *Introduction to Employability Skills*

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

**PC1.** understand the significance of employability skills in meeting the job requirements

##### *Constitutional values – Citizenship*

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

**PC2.** identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices

##### *Becoming a Professional in the 21st Century*

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

**PC3.** explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.

##### *Basic English Skills*

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

**PC4.** speak with others using some basic English phrases or sentences

##### *Communication Skills*

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

**PC5.** follow good manners while communicating with others

**PC6.** work with others in a team



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### *Diversity & Inclusion*

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

**PC7.** communicate and behave appropriately with all genders and PwD

**PC8.** report any issues related to sexual harassment

### *Financial and Legal Literacy*

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

**PC9.** use various financial products and services safely and securely

**PC10.** calculate income, expenses, savings etc.

**PC11.** approach the concerned authorities for any exploitation as per legal rights and laws

### *Essential Digital Skills*

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

**PC12.** operate digital devices and use its features and applications securely and safely

**PC13.** use internet and social media platforms securely and safely

### *Entrepreneurship*

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

**PC14.** identify and assess opportunities for potential business

**PC15.** identify sources for arranging money and associated financial and legal challenges

### *Customer Service*

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

**PC16.** identify different types of customers

**PC17.** identify customer needs and address them appropriately

**PC18.** follow appropriate hygiene and grooming standards

### *Getting ready for apprenticeship & Jobs*

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

**PC19.** create a basic biodata

**PC20.** search for suitable jobs and apply

**PC21.** identify and register apprenticeship opportunities as per requirement

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

**KU1.** need for employability skills

**KU2.** various constitutional and personal values

**KU3.** different environmentally sustainable practices and their importance

**KU4.** Twenty first (21st) century skills and their importance

**KU5.** how to use basic spoken English language

**KU6.** Do and dont of effective communication

**KU7.** inclusivity and its importance

**KU8.** different types of disabilities and appropriate communication and behaviour towards PwD

**KU9.** different types of financial products and services



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- KU10.** how to compute income and expenses
- KU11.** importance of maintaining safety and security in financial transactions
- KU12.** different legal rights and laws
- KU13.** how to operate digital devices and applications safely and securely
- KU14.** ways to identify business opportunities
- KU15.** types of customers and their needs
- KU16.** how to apply for a job and prepare for an interview
- KU17.** apprenticeship scheme and the process of registering on apprenticeship portal

## Generic Skills (GS)

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

- GS1.** communicate effectively using appropriate language
- GS2.** behave politely and appropriately with all
- GS3.** perform basic calculations
- GS4.** solve problems effectively
- GS5.** be careful and attentive at work
- GS6.** use time effectively
- GS7.** maintain hygiene and sanitisation to avoid infection



## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC1.</b> understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	<b>1</b>	<b>1</b>	-	-
<b>PC2.</b> identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	<b>1</b>	<b>3</b>	-	-
<b>PC3.</b> explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
<i>Basic English Skills</i>	<b>2</b>	<b>3</b>	-	-
<b>PC4.</b> speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC5.</b> follow good manners while communicating with others	-	-	-	-
<b>PC6.</b> work with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	<b>1</b>	<b>1</b>	-	-
<b>PC7.</b> communicate and behave appropriately with all genders and PwD	-	-	-	-
<b>PC8.</b> report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	<b>3</b>	<b>4</b>	-	-
<b>PC9.</b> use various financial products and services safely and securely	-	-	-	-





## Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC10.</b> calculate income, expenses, savings etc.	-	-	-	-
<b>PC11.</b> approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
<i>Essential Digital Skills</i>	<b>4</b>	<b>6</b>	-	-
<b>PC12.</b> operate digital devices and use its features and applications securely and safely	-	-	-	-
<b>PC13.</b> use internet and social media platforms securely and safely	-	-	-	-
<i>Entrepreneurship</i>	<b>3</b>	<b>5</b>	-	-
<b>PC14.</b> identify and assess opportunities for potential business	-	-	-	-
<b>PC15.</b> identify sources for arranging money and associated financial and legal challenges	-	-	-	-
<i>Customer Service</i>	<b>2</b>	<b>2</b>	-	-
<b>PC16.</b> identify different types of customers	-	-	-	-
<b>PC17.</b> identify customer needs and address them appropriately	-	-	-	-
<b>PC18.</b> follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship &amp; Jobs</i>	<b>1</b>	<b>3</b>	-	-
<b>PC19.</b> create a basic biodata	-	-	-	-
<b>PC20.</b> search for suitable jobs and apply	-	-	-	-
<b>PC21.</b> identify and register apprenticeship opportunities as per requirement	-	-	-	-
<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	DGT/VSQ/N0101
<b>NOS Name</b>	Employability Skills (30 Hours)
<b>Sector</b>	Cross Sectoral
<b>Sub-Sector</b>	Professional Skills
<b>Occupation</b>	Employability
<b>NSQF Level</b>	2
<b>Credits</b>	1
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	08/05/2025
<b>Next Review Date</b>	08/05/2028
<b>NSQC Clearance Date</b>	08/05/2025

### 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 iterations 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 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 : 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/N1116. Conduct appropriate checks and take necessary measurements to install curtain walls	30	60	0	10	100	30
CON/N1117. Install stick system curtain walls	30	60	0	10	100	25
CON/N1119. Install structural glazing type of facade	30	60	0	10	100	25
CON/N8001. Work effectively in a team to deliver desired results at the workplace	30	70	0	0	100	5
CON/N8002. Plan and organize work to meet expected outcomes	30	70	0	0	100	5
CON/N9001. Work according to personal health, safety and environment protocols at construction site	30	70	0	0	100	5



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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
<b>Total</b>	<b>200</b>	<b>420</b>	<b>0</b>	<b>30</b>	<b>650</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.



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<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.