



Rigger - Structural Erection

QP Code: CON/Q0702

Version: 3.0

NSQF Level: 3.5

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CON/Q0702: Rigger - Structural Erection

Brief Job Description

A Rigger Structural Erection is responsible for assisting in heavy lifting operation of structural steel components / assemblies by cranes or suitable equipment. The individual erects steel units by shifting and placing them in their position to construct steel structures. The person also erects staging consisting of heavy steel frames/ components as part of formwork for heavy RCC structures.

Personal Attributes

The individual should be physically fit to carry out labor-intensive work for long durations. The person should be able to work in a team environment and as per the given instructions. The individual should have appropriate verbal and written communication skills.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [CON/N0706: Provide support in heavy structural steel lifting](#)
2. [CON/N0707: Unload, position and align structural steel assemblies](#)
3. [CON/N0708: Erect staging for heavy RCC/ steel structures and undertake dismantling](#)
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

Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Rigging
Country	India
NSQF Level	3.5



Qualification Pack



Credits	13
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7214.0700
Minimum Educational Qualification & Experience	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
Minimum Level of Education for Training in School	10th Class
Pre-Requisite License or Training	NIL
Minimum Job Entry Age	18 Years
Last Reviewed On	NA
Next Review Date	29/02/2024
Deactivation Date	29/02/2024
NSQC Approval Date	31/08/2023
Version	3.0
Reference code on NQR	QG-3.5-CO-00812-2023-V2-CSDCI
NQR Version	1



CON/N0706: Provide support in heavy structural steel lifting

Description

This occupational standards unit is about providing support in heavy structural steel lifting

Scope

The scope covers the following :

- Shift structural steel assemblies
- Prepare for lifting operations
- Provide support in heavy lifting

Elements and Performance Criteria

Shift structural steel assemblies

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

- PC1.** select and use appropriate rigging gear for heavy material shifting of structural steel assemblies/ components at the construction site
- PC2.** anchor the structural steel components/ units to the appropriate locations and hook up with the prescribed lifting equipment using slings, shackles, ropes or lifting hooks, securing them appropriately to prevent slipping or deflection
- PC3.** tie down the structural steel assemblies units to the transporting vehicle using chains, binders, belts, etc
- PC4.** prepare the structural steel units for unloading by equipment as per the given instructions, removing the bracing, packing and protective edges from them
- PC5.** unload steel components/ assemblies safely at the specified location under supervision

Prepare for lifting operations

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

- PC6.** check for the availability of appropriate lifting gear, tools and tackles before the lifting work
- PC7.** inspect the lifting tools and tackles for their safe working conditions
- PC8.** check the lifting equipment and steel components or assembly are placed at a safe distance from any overhead power or service lines
- PC9.** identify and report damages, such as distortion and breaking of joints in structural steel assemblies or components to the supervisor
- PC10.** check the work site for barricading, presence of appropriate signage and availability of required Personal Protective Equipment (PPE)
- PC11.** prepare the base for lifting equipment and load to be lifted as per requirement and instruction from the superior
- PC12.** coordinate with the respective equipment operator to grade and prepare the base for the lifting equipment and units to be lifted
- PC13.** ensure adequate level and compactness in the prepared base with good drainage

Provide support in heavy lifting

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

- PC14.** attach slings, lifting belts, shackles, hooks and tag line to the load appropriately for lifting



Qualification Pack



- PC15.** check and ensure the tightness and locking of shackles and hooks for safety
- PC16.** control position of suspended loads using tag line according to the signals or instructions
- PC17.** guide and position the load to be lifted by climbing girders or other structural-steel members

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the standard procedure for construction rigging work
- KU2.** the relevant safety practices for handling and storing relevant rigging tools, equipment and materials
- KU3.** the importance of personal protection and the use of relevant safety gear and equipment
- KU4.** the basic principles of measurement, geometry and arithmetic calculation
- KU5.** the units of measurement and the conversion of units of linear measurements
- KU6.** the use of hand tools for material lifting
- KU7.** the use of rigging tools to lift structural steel sections or assemblies
- KU8.** the required nature of base level and compaction required for equipment during lifting
- KU9.** the technique of guiding suspended object using tag lines to the location of erection
- KU10.** the working mechanism of load lifting equipment, such as cranes winches, etc
- KU11.** the specification of lifting tools and tackles as per load lifting requirement
- KU12.** how to interpret gestures/ signals by the signaller during load lifting work

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



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Shift structural steel assemblies</i>	9	18	-	4
PC1. select and use appropriate rigging gear for heavy material shifting of structural steel assemblies/ components at the construction site	-	-	-	-
PC2. anchor the structural steel components/ units to the appropriate locations and hook up with the prescribed lifting equipment using slings, shackles, ropes or lifting hooks, securing them appropriately to prevent slipping or deflection	-	-	-	-
PC3. tie down the structural steel assemblies units to the transporting vehicle using chains, binders, belts, etc	-	-	-	-
PC4. prepare the structural steel units for unloading by equipment as per the given instructions, removing the bracing, packing and protective edges from them	-	-	-	-
PC5. unload steel components/ assemblies safely at the specified location under supervision	-	-	-	-
<i>Prepare for lifting operations</i>	14	28	-	3
PC6. check for the availability of appropriate lifting gear, tools and tackles before the lifting work	-	-	-	-
PC7. inspect the lifting tools and tackles for their safe working conditions	-	-	-	-
PC8. check the lifting equipment and steel components or assembly are placed at a safe distance from any overhead power or service lines	-	-	-	-
PC9. identify and report damages, such as distortion and breaking of joints in structural steel assemblies or components to the supervisor	-	-	-	-
PC10. check the work site for barricading, presence of appropriate signage and availability of required Personal Protective Equipment (PPE)	-	-	-	-
PC11. prepare the base for lifting equipment and load to be lifted as per requirement and instruction from the superior	-	-	-	-



Qualification Pack



Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. coordinate with the respective equipment operator to grade and prepare the base for the lifting equipment and units to be lifted	-	-	-	-
PC13. ensure adequate level and compactness in the prepared base with good drainage	-	-	-	-
<i>Provide support in heavy lifting</i>	7	14	-	3
PC14. attach slings, lifting belts, shackles, hooks and tag line to the load appropriately for lifting	-	-	-	-
PC15. check and ensure the tightness and locking of shackles and hooks for safety	-	-	-	-
PC16. control position of suspended loads using tag line according to the signals or instructions	-	-	-	-
PC17. guide and position the load to be lifted by climbing girders or other structural-steel members	-	-	-	-
NOS Total	30	60	-	10



Qualification Pack



National Occupational Standards (NOS) Parameters

NOS Code	CON/N0706
NOS Name	Provide support in heavy structural steel lifting
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Rigging
NSQF Level	3.5
Credits	3
Version	3.0
Last Reviewed Date	31/08/2023
Next Review Date	29/02/2024
NSQC Clearance Date	31/08/2023



CON/N0707: Unload, position and align structural steel assemblies

Description

This occupational standards unit is about unloading, positioning and aligning structural steel assemblies

Scope

The scope covers the following :

- Unload and position structural steel assemblies
- Align structural steel assemblies and provide bracing support

Elements and Performance Criteria

Unload and position structural steel assemblies

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

- PC1.** check for the completion of preparatory work for unloading and report any identified issues to the supervisor
- PC2.** approach the location of erection safely
- PC3.** interpret hand signals given by the signaller and act according to the same, coordinating with the person for the exact positioning of load
- PC4.** maintain a safe distance from suspended load and take necessary actions as per the given instructions
- PC5.** maintain the appropriate body posture when controlling the motion of suspended load by using tag line
- PC6.** unload steel units at the specified location under supervision
- PC7.** use the relevant PPE and follow appropriate safety measures while working at heights

Align structural steel assemblies and provide bracing support

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

- PC8.** adjust the structural-steel members into the final position as instructed, using appropriate tools, such as turnbuckles, crowbars, jacks, etc
- PC9.** position steel sections, assemblies or equipment to be erected at the identified locations within the specified limit of tolerance
- PC10.** undertake out linear measurements to check the alignment of erected section or assemblies using appropriate measuring instruments as per instruction
- PC11.** carry out bolting at the steel connections using appropriate hand tools, as per the given instructions
- PC12.** follow the appropriate health and safety measures at the work site to ensure smooth and safe movement of workers and materials

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the basic principles of measurement, geometry and arithmetic calculation



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- KU2.** the units of measurement and the conversion of units of linear measurements
- KU3.** the use of hand tools for structural steel erection
- KU4.** the torque tightening of bolts using appropriate hand tools
- KU5.** the use of rigging tools to lift structural steel sections or assemblies
- KU6.** different kind of common measuring tools and instruments and their respective uses
- KU7.** the required nature of base level and compaction required for equipment during lifting
- KU8.** the technique of guiding suspended object using tag lines to the location of erection
- KU9.** the working mechanism of load lifting equipment, such as cranes winches, etc
- KU10.** the specification of lifting tools and tackles as per load lifting requirement
- KU11.** how to interpret gestures/ signals by the signalperson during load lifting
- KU12.** how to check alignment of the erected structures

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



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Unload and position structural steel assemblies</i>	17	25	-	5
PC1. check for the completion of preparatory work for unloading and report any identified issues to the supervisor	-	-	-	-
PC2. approach the location of erection safely	-	-	-	-
PC3. interpret hand signals given by the signalperson and act according to the same, coordinating with the person for the exact positioning of load	-	-	-	-
PC4. maintain a safe distance from suspended load and take necessary actions as per the given instructions	-	-	-	-
PC5. maintain the appropriate body posture when controlling the motion of suspended load by using tag line	-	-	-	-
PC6. unload steel units at the specified location under supervision	-	-	-	-
PC7. use the relevant PPE and follow appropriate safety measures while working at heights	-	-	-	-
<i>Align structural steel assemblies and provide bracing support</i>	13	35	-	5
PC8. adjust the structural-steel members into the final position as instructed, using appropriate tools, such as turnbuckles, crowbars, jacks, etc	-	-	-	-
PC9. position steel sections, assemblies or equipment to be erected at the identified locations within the specified limit of tolerance	-	-	-	-
PC10. undertake out linear measurements to check the alignment of erected section or assemblies using appropriate measuring instruments as per instruction	-	-	-	-
PC11. carry out bolting at the steel connections using appropriate hand tools, as per the given instructions	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. follow the appropriate health and safety measures at the work site to ensure smooth and safe movement of workers and materials	-	-	-	-
NOS Total	30	60	-	10



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N0707
NOS Name	Unload, position and align structural steel assemblies
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Rigging
NSQF Level	3.5
Credits	3
Version	3.0
Last Reviewed Date	31/08/2023
Next Review Date	29/02/2024
NSQC Clearance Date	31/08/2023



CON/N0708: Erect staging for heavy RCC/ steel structures and undertake dismantling

Description

This occupational standards unit is about erecting staging for heavy RCC/ steel structures and dismantling it after use

Scope

The scope covers the following :

- Erect and dismantle staging using heavy steel sections

Elements and Performance Criteria

Erect and dismantle staging using heavy steel sections

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

- PC1.** ensure the base of staging is appropriately adequately leveled and compacted
- PC2.** check the staging components for their usability
- PC3.** erect vertical and horizontal members as per schematics and schedule
- PC4.** lift heavy staging components at the required height using suitable rigging tools and tackles
- PC5.** join the staging components by bolting, using the appropriate tools
- PC6.** place structural steel sections on top of vertical members as per the specification to form support to the base of structure
- PC7.** check the alignment of staging and ensure that is within the specified tolerance limit
- PC8.** install support at the necessary locations using appropriate components to ensure the stability of staging to support the load
- PC9.** carry out checks, alteration, re-tightening of members as per the requirement or instructions
- PC10.** erect barricading, safety signage at specific locations as per requirement
- PC11.** dismantle staging safely using appropriate tools and stack the materials at the specified location, as instructed
- PC12.** use the appropriate PPE while erecting and dismantling staging

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** the basic principles of measurement, geometry and arithmetic calculation
- KU2.** the units of measurement
- KU3.** the conversion of units of linear measurements
- KU4.** the use of different kinds of measuring tools and instruments
- KU5.** the principles of linear measurement
- KU6.** the use of hand tools required to erect and dismantle staging
- KU7.** the use of rigging tools to lift structural steel sections or assemblies



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- KU8.** the required nature of base level and compaction for equipment during lifting
- KU9.** the material components for staging work and their sequential erection according to schematics.
- KU10.** how to provide additional supports and use of staging components for the purpose
- KU11.** how to check the alignment of erected structures

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



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Erect and dismantle staging using heavy steel sections</i>	30	60	-	10
PC1. ensure the base of staging is appropriately adequately leveled and compacted	-	-	-	-
PC2. check the staging components for their usability	-	-	-	-
PC3. erect vertical and horizontal members as per schematics and schedule	-	-	-	-
PC4. lift heavy staging components at the required height using suitable rigging tools and tackles	-	-	-	-
PC5. join the staging components by bolting, using the appropriate tools	-	-	-	-
PC6. place structural steel sections on top of vertical members as per the specification to form support to the base of structure	-	-	-	-
PC7. check the alignment of staging and ensure that is within the specified tolerance limit	-	-	-	-
PC8. install support at the necessary locations using appropriate components to ensure the stability of staging to support the load	-	-	-	-
PC9. carry out checks, alteration, re-tightening of members as per the requirement or instructions	-	-	-	-
PC10. erect barricading, safety signage at specific locations as per requirement	-	-	-	-
PC11. dismantle staging safely using appropriate tools and stack the materials at the specified location, as instructed	-	-	-	-
PC12. use the appropriate PPE while erecting and dismantling staging	-	-	-	-
NOS Total	30	60	-	10



Qualification Pack



National Occupational Standards (NOS) Parameters

NOS Code	CON/N0708
NOS Name	Erect staging for heavy RCC/ steel structures and undertake dismantling
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Rigging
NSQF Level	3.5
Credits	3
Version	3.0
Last Reviewed Date	31/08/2023
Next Review Date	29/02/2024
NSQC Clearance Date	31/08/2023



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

Diversity & Inclusion



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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

KU10. how to compute income and expenses

KU11. importance of maintaining safety and security in financial transactions



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- 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



Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. understand the significance of employability skills in meeting the job requirements	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC2. identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	1	3	-	-
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.	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC4. speak with others using some basic English phrases or sentences	-	-	-	-
<i>Communication Skills</i>	1	1	-	-
PC5. follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
<i>Diversity & Inclusion</i>	1	1	-	-
PC7. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
<i>Financial and Legal Literacy</i>	3	4	-	-
PC9. use various financial products and services safely and securely	-	-	-	-
PC10. calculate income, expenses, savings etc.	-	-	-	-



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



National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	08/05/2025
Next Review Date	08/05/2028
NSQC Clearance Date	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.
7. The trainee shall be provided with a chance to repeat the test to correct his procedures in case of



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improper performance, with a deduction of marks for each iteration.

8. After the certain number of iteration as decided by SSC the trainee is marked as fail, scoring zero marks for the procedure for the practical activity.

9. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack within the specified timeframe set by SSC.

10. Minimum duration of Assessment of each QP shall be of 4hrs/trainee.

Minimum Aggregate Passing % at QP Level : 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/N0706.Provide support in heavy structural steel lifting	30	60	0	10	100	30
CON/N0707.Unload, position and align structural steel assemblies	30	60	0	10	100	25
CON/N0708.Erect staging for heavy RCC/ steel structures and undertake dismantling	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
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5



Qualification Pack



National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
Total	200	420	0	30	650	100



Qualification Pack



Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
EHS	Environment Health and Safety
MCQ	Multiple Choice Question
PPE	Personal Protective Equipment
RCC	Reinforced Cement Concrete



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.
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.



Qualification Pack



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.