



Qualification Pack



Associate Scaffolder -System

QP Code: CON/Q0316

Version: 1.0

NSQF Level: 3

Construction Skill Development Council of India || CPB 103 & 104 (1st Floor), Block 4B, DLF Corporate Park, Phase III, MG Road
Gurgaon-122002



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CON/Q0316: Associate Scaffolder -System

Brief Job Description

Associate Scaffolder -System is responsible for providing assistance in erection, dismantling, and maintenance of various types of customized system scaffold.

Personal Attributes

The individual is expected to be physically fit and able to work across various locations in withstanding extreme conditions while working. The person should be able to work within a team to handle various scaffolding tools tackles, materials, components and works under continuous instruction and close supervision.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

- [1. CON/N0354: Assist in erection and dismantling of scaffold using pipe and coupler](#)
- [2. CON/N0355: Assist in erection and dismantling of common customized system scaffold](#)
- [3. CON/N8001: Work effectively in a team to deliver desired results at the workplace](#)
- [4. CON/N8002: Plan and organize work to meet expected outcomes](#)
- [5. CON/N9001: Work according to personal health, safety and environment protocols at construction site](#)
- [6. DGT/VSQ/N0101: Employability Skills \(30 Hours\)](#)

Qualification Pack (QP) Parameters

Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Scaffolding
Country	India
NSQF Level	3
Credits	7



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Aligned to NCO/ISCO/ISIC Code	NC0-2015/ 9313.9900
Minimum Educational Qualification & Experience	9th grade pass OR 8th grade pass with 1 year of (NTC/ NAC) after 8th OR 8th grade pass with 1 Year of experience relevant experience OR 5th grade pass with 4 Years of experience relevant experience OR Previous relevant Qualification of NSQF Level (2) with 1 Year of experience relevant experience OR Previous relevant Qualification of NSQF Level (2.5) with 6 Months of experience relevant experience
Minimum Level of Education for Training in School	5th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	15/02/2023
Next Review Date	NA
NSQC Approval Date	15/02/2023
Version	1.0
Reference code on NQR	QG-03-CO-00041-2023-V1-CSDCI
NQR Version	1



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CON/N0354: Assist in erection and dismantling of scaffold using pipe and coupler

Description

This unit describes the skills and knowledge required to provide support in erection and dismantling of scaffold using pipe and coupler under instructions and close supervision.

Scope

The scope covers the following :

- Carry out preparatory work for erection of scaffold using pipe and coupler
- Erect and maintain scaffold using pipes, couplers and provide necessary assistance
- Dismantle scaffold and provide necessary assistance

Elements and Performance Criteria

Carry out preparatory work for erection of scaffold using pipe and coupler

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

- PC1.** prepare base by leveling and compacting ground for erection of scaffold
- PC2.** select, shift and stack required quantity of materials, components at work location as per the instructions
- PC3.** barricade the working area and fix guard rails, safety nets for safe working conditions
- PC4.** assist in marking, transferring of levels from reference points using water level tube
- PC5.** check condition of coupler, pipes and fixtures for any bend and deviation from shape

Erect and maintain scaffold using pipes, couplers and provide necessary assistance

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

- PC6.** select swivel coupler, right angle coupler (fixed coupler) based on requirements of scaffold fixing
- PC7.** select pipes based on nominal bore diameter and length and check for any bend in pipes
- PC8.** erect scaffold using pipes and coupler in a sequential manner and provide necessary support using suitable components as per the instructions
- PC9.** fix coupler, clamps tightly as per the instructions
- PC10.** assist in aligning and providing support to scaffold as per the instructions
- PC11.** assist in checking verticality of scaffold
- PC12.** place and fix appropriate plank board / walk boards, guard rail, toe board and other accessories for working

Dismantle scaffold and provide necessary assistance

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

- PC13.** assist in dismantling of scaffold in a sequential manner safely under instructions
- PC14.** lower scaffold materials in safe manner
- PC15.** clean and scaffold materials for further use



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PC16. follow standard safety procedure and housekeeping practices

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** safety rules and regulations for handling and storing shuttering and scaffolding tools, materials and components
- KU2.** personal protection including use of safety gears and equipments
- KU3.** safe working methods and movements while performing relevant tasks
- KU4.** request procedure for tools, materials and equipments
- KU5.** housekeeping & other site administrative rules
- KU6.** units of measurements
- KU7.** use of measurements and marking tools
- KU8.** use of hand tools for carrying out scaffolding works
- KU9.** standard size of hand tools
- KU10.** standard size of components
- KU11.** use of slings, shackles, and belts for lifting and shifting of scaffold materials
- KU12.** how to provide support to scaffolding
- KU13.** different types of ropes, their diameter and applicability
- KU14.** how to tie various types of knots and its use
- KU15.** how to check for defect in bamboo / ballis
- KU16.** standard procedure for erection and dismantling of conventional scaffold
- KU17.** knowledge about storing and handling technique of tools
- KU18.** knowledge about upkeep, repair and maintenance of tools
- KU19.** use of personal protective gears
- KU20.** standard procedure for housekeeping

Generic Skills (GS)

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

- GS1.** write in one or more language, preferably the local language at the site
- GS2.** read in one or more language, preferably the local language at the site
- GS3.** read instructions, guidelines, sign boards, safety rules & safety tags instructions related to exit routes during emergency at the workplace
- GS4.** speak in one or more language, preferably in one of the local languages of the site
- GS5.** listen and follow instructions given by superior
- GS6.** orally and effectively communicate with the team members
- GS7.** decide whether his workplace is safe for working
- GS8.** plan self-work under the instructions given by superior
- GS9.** complete work as per agreed time schedule and quality



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Carry out preparatory work for erection of scaffold using pipe and coupler</i>	6	14	-	-
PC1. prepare base by leveling and compacting ground for erection of scaffold	-	-	-	-
PC2. select, shift and stack required quantity of materials, components at work location as per the instructions	-	-	-	-
PC3. barricade the working area and fix guard rails, safety nets for safe working conditions	-	-	-	-
PC4. assist in marking, transferring of levels from reference points using water level tube	-	-	-	-
PC5. check condition of coupler, pipes and fixtures for any bend and deviation from shape	-	-	-	-
<i>Erect and maintain scaffold using pipes, couplers and provide necessary assistance</i>	12	28	-	-
PC6. select swivel coupler, right angle coupler (fixed coupler) based on requirements of scaffold fixing	-	-	-	-
PC7. select pipes based on nominal bore diameter and length and check for any bend in pipes	-	-	-	-
PC8. erect scaffold using pipes and coupler in a sequential manner and provide necessary support using suitable components as per the instructions	-	-	-	-
PC9. fix coupler, clamps tightly as per the instructions	-	-	-	-
PC10. assist in aligning and providing support to scaffold as per the instructions	-	-	-	-
PC11. assist in checking verticality of scaffold	-	-	-	-
PC12. place and fix appropriate plank board / walk boards, guard rail, toe board and other accessories for working	-	-	-	-
<i>Dismantle scaffold and provide necessary assistance</i>	12	28	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. assist in dismantling of scaffold in a sequential manner safely under instructions	-	-	-	-
PC14. lower scaffold materials in safe manner	-	-	-	-
PC15. clean and scaffold materials for further use	-	-	-	-
PC16. follow standard safety procedure and housekeeping practices	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N0354
NOS Name	Assist in erection and dismantling of scaffold using pipe and coupler
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Scaffolding
NSQF Level	3
Credits	1.5
Version	3.0
Last Reviewed Date	15/02/2023
Next Review Date	NA
NSQC Clearance Date	15/02/2023



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CON/N0355: Assist in erection and dismantling of common customized system scaffold

Description

This unit describes the skills and knowledge required to provide support in erection and dismantling of common customized system scaffold under instructions and close supervision

Scope

The scope covers the following :

- Carry out preparatory works for erection of common customized system scaffold
- Erect and maintain common customized system scaffold and provide necessary assistance
- Dismantle common customized system scaffold and provide necessary assistance

Elements and Performance Criteria

Carry out preparatory works for erection of common customized system scaffold

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

- PC1.** prepare base by levelling and compacting ground for erection of scaffold
- PC2.** select, shift and stack required quantity of materials, components at work place as per instructions
- PC3.** barricade working area and fix guard rails, safety nets for safe working conditions
- PC4.** assist in marking, transferring of levels from reference points using water level tube
- PC5.** visually check tools and components prior to use and report if needs to be changed

Erect and maintain common customized system scaffold and provide necessary assistance

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

- PC6.** select components based on type of scaffold used
- PC7.** place sole board/base plates on ground as per marking
- PC8.** fix correct fixtures and components as per system and instructions
- PC9.** erect scaffold in a sequential manner and provide necessary support as per instructions
- PC10.** shift components from lower level to upper level using suitable lifting tools and equipments
- PC11.** assist in aligning and providing support to scaffold as per instructions
- PC12.** assist in checking verticality of scaffold
- PC13.** place and fix appropriate plank board / walk boards, guard rail, toe board and other accessories for working platform

Dismantle common customized system scaffold and provide necessary assistance

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

- PC14.** assist in dismantling of scaffold in a sequential manner safely under instructions
- PC15.** lower scaffold materials in safe manner
- PC16.** clean and store scaffold materials for further use
- PC17.** follow standard safety procedure and housekeeping practices



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Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** safety rules and regulations for handling and storing shuttering and scaffolding tools, materials and components
- KU2.** personal protection including use of safety gears and equipments
- KU3.** safe working methods and movements while performing relevant tasks
- KU4.** request procedure for tools, materials and equipments
- KU5.** housekeeping & other site administrative rules
- KU6.** units of measurements
- KU7.** use of measurements and marking tools
- KU8.** use of hand tools for carrying out scaffolding works
- KU9.** standard size of hand tools
- KU10.** standard size of components
- KU11.** use of slings, shackles, and belts for lifting
- KU12.** how to provide support to scaffolding
- KU13.** different types of ropes, their diameter and applicability
- KU14.** different types of scaffold (tubular and frame scaffold) and their use
- KU15.** maintenance of safe erected scaffold
- KU16.** how to check for verticality and alignment of scaffold
- KU17.** knowledge about storing and handling technique of tools
- KU18.** knowledge about upkeep, repair and maintenance of tools
- KU19.** use of personal protective gears
- KU20.** standard procedure for housekeeping

Generic Skills (GS)

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

- GS1.** write in one or more language, preferably the local language at the site
- GS2.** read in one or more language, preferably the local language at the site
- GS3.** read instructions, guidelines, sign boards, safety rules & safety tags instructions related to exit routes during emergency at the workplace
- GS4.** speak in one or more language, preferably in one of the local languages of the site
- GS5.** listen and follow instructions given by superior
- GS6.** communicate orally and effectively communicate with the team members
- GS7.** decide whether his workplace is safe for working and also his work is not creating hazardous conditions for other
- GS8.** plan self-work under the instructions given by superior
- GS9.** complete work as per agreed time schedule and quality
- GS10.** provide support to erected scaffold



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Carry out preparatory works for erection of common customized system scaffold</i>	6	14	-	-
PC1. prepare base by levelling and compacting ground for erection of scaffold	-	-	-	-
PC2. select, shift and stack required quantity of materials, components at work place as per instructions	-	-	-	-
PC3. barricade working area and fix guard rails, safety nets for safe working conditions	-	-	-	-
PC4. assist in marking, transferring of levels from reference points using water level tube	-	-	-	-
PC5. visually check tools and components prior to use and report if needs to be changed	-	-	-	-
<i>Erect and maintain common customized system scaffold and provide necessary assistance</i>	12	28	-	-
PC6. select components based on type of scaffold used	-	-	-	-
PC7. place sole board/base plates on ground as per marking	-	-	-	-
PC8. fix correct fixtures and components as per system and instructions	-	-	-	-
PC9. erect scaffold in a sequential manner and provide necessary support as per instructions	-	-	-	-
PC10. shift components from lower level to upper level using suitable lifting tools and equipments	-	-	-	-
PC11. assist in aligning and providing support to scaffold as per instructions	-	-	-	-
PC12. assist in checking verticality of scaffold	-	-	-	-
PC13. place and fix appropriate plank board / walk boards, guard rail, toe board and other accessories for working platform	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Dismantle common customized system scaffold and provide necessary assistance</i>	12	28	-	-
PC14. assist in dismantling of scaffold in a sequential manner safely under instructions	-	-	-	-
PC15. lower scaffold materials in safe manner	-	-	-	-
PC16. clean and store scaffold materials for further use	-	-	-	-
PC17. follow standard safety procedure and housekeeping practices	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N0355
NOS Name	Assist in erection and dismantling of common customized system scaffold
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Scaffolding
NSQF Level	3
Credits	1.5
Version	3.0
Last Reviewed Date	15/02/2023
Next Review Date	NA
NSQC Clearance Date	15/02/2023



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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 in an effective manner
- Support co-workers to execute the project requirements
- Practice inclusion

Elements and Performance Criteria

Interact and communicate in an effective 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.** report any unresolved problem to the supervisor immediately
- PC4.** obtain instructions from superiors and respond on the same
- PC5.** communicate to team members/subordinates for appropriate work technique and method
- PC6.** seek clarification and advice as per the requirement

Support co-workers to execute the 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

Practice inclusion

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

- PC9.** maintain cultural inclusivity at work place
- PC10.** maintain disability friendly work practices
- PC11.** follow gender neutral practices at workplace
- PC12.** address discriminatory and offensive behaviour in a professional manner as per organizational policy

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** own roles and responsibilities



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- KU2.** importance of effective communication
- KU3.** the consequence of poor teamwork on project outcomes, timelines, safety at the construction site, etc.
- KU4.** different modes of communication used at workplace
- KU5.** importance of creating healthy and cooperative work environment among the gangs of workers
- KU6.** different activities within the work area where 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 effects in case of failure relating to quality, timeliness, safety, risks at the construction project site
- KU9.** importance and need of supporting co-workers facing problems for the smooth functioning of work
- KU10.** the fundamental concept of gender equality
- KU11.** how to recognise and be sensitive to issues of disability, culture and gender
- KU12.** legislation, policies, and procedures relating to gender sensitivity and cultural diversity including their impact on the area of operation

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



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Interact and communicate in an effective 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. report any unresolved problem to the supervisor immediately	-	-	-	-
PC4. obtain instructions from superiors and respond on the same	-	-	-	-
PC5. communicate to team members/subordinates for appropriate work technique and method	-	-	-	-
PC6. seek clarification and advice as per the requirement	-	-	-	-
<i>Support co-workers to execute the project requirements</i>	6	14	-	-
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	-	-	-	-
<i>Practice inclusion</i>	6	14	-	-
PC9. maintain cultural inclusivity at work place	-	-	-	-
PC10. maintain disability friendly work practices	-	-	-	-
PC11. follow gender neutral practices at workplace	-	-	-	-
PC12. address discriminatory and offensive behaviour in a professional manner as per organizational policy	-	-	-	-
NOS Total	30	70	-	-



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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	Real Estate and Infrastructure construction
Occupation	Generic 2
NSQF Level	4
Credits	1
Version	10.0
Last Reviewed Date	15/02/2023
Next Review Date	NA
NSQC Clearance Date	15/02/2023



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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 :

- Plan and prepare for work
- Organise required resources as per work plan
- Complete work as per the plan

Elements and Performance Criteria

Plan and prepare for work

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

- PC1.** identify the targets and timelines set by superiors
- PC2.** determine the work requirements corresponding to task(drawings/schedules/instructions/methodology), safety, tools and equipment prior to commencement of task
- PC3.** plan the work by analyzing the required outcomes, work procedures, allotted time, resource availability and known priorities
- PC4.** prepare the work areas in coordination with team members
- PC5.** plan for waste collection and disposal prior to and after completion of work

Organise required resources as per work plan

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

- PC6.** arrange the required manpower prior to commencement of work
- PC7.** organize the required materials, tools and tackles required for the task

Complete work as per the plan

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

- PC8.** engage allocated manpower in an appropriate manner
- PC9.** employ correct tools, tackles and equipment for the desired work
- PC10.** provide guidance to the subordinates to obtain desired outcome
- PC11.** use resources in an optimum manner to avoid any unnecessary wastage
- PC12.** use tools, tackles and equipment carefully to avoid damage
- PC13.** ensure the work processes adopted are in line with the specified standards and instructions
- PC14.** complete the work with the allocated resources within specified time
- PC15.** clean and organise the workplace after completion of task

Knowledge and Understanding (KU)



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The individual on the job needs to know and understand:

- KU1.** importance of proper housekeeping including safe waste disposal
- KU2.** policies, procedures and work targets set by superiors
- KU3.** how to identify work activities that need to be planned and organized
- KU4.** how to determine the task requirements
- KU5.** how to determine the quality requirements related to the task
- KU6.** how to undertake all aspect of planning and organizing the task, including interpretation of task, reading drawing/schedules, arranging resources, reporting problems etc.
- KU7.** how to implement the planned activities
- KU8.** how to use available resources in a judicious and appropriate manner to minimize wastages or damage

Generic Skills (GS)

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

- GS1.** write in one or more language, preferably the local language at the site
- GS2.** read communication from co-workers, superiors and notices from other departments as per requirement of the level
- GS3.** speak in one or more language, preferably one of the local language at the site
- GS4.** follow communication shared by co-workers regarding standard work processes, resources available, timelines, etc.
- GS5.** communicate effectively with co-workers and subordinates
- GS6.** decide on what sequence is to be adopted for execution of work
- GS7.** plan and organize the materials, tools, tackles and equipment required to execute the work
- GS8.** complete all assigned task with proper planning and organizing
- GS9.** analyze areas of work which could result in a delay of work, wastage of material or damage to tools and tackles
- GS10.** evaluate potential solutions to minimize avoidable delays and wastages at the construction site



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Plan and prepare for work</i>	9	21	-	-
PC1. identify the targets and timelines set by superiors	-	-	-	-
PC2. determine the work requirements corresponding to task(drawings/schedules/instructions/methodology), safety, tools and equipment prior to commencement of task	-	-	-	-
PC3. plan the work by analyzing the required outcomes, work procedures, allotted time, resource availability and known priorities	-	-	-	-
PC4. prepare the work areas in coordination with team members	-	-	-	-
PC5. plan for waste collection and disposal prior to and after completion of work	-	-	-	-
<i>Organise required resources as per work plan</i>	6	14	-	-
PC6. arrange the required manpower prior to commencement of work	-	-	-	-
PC7. organize the required materials, tools and tackles required for the task	-	-	-	-
<i>Complete work as per the plan</i>	15	35	-	-
PC8. engage allocated manpower in an appropriate manner	-	-	-	-
PC9. employ correct tools, tackles and equipment for the desired work	-	-	-	-
PC10. provide guidance to the subordinates to obtain desired outcome	-	-	-	-
PC11. use resources in an optimum manner to avoid any unnecessary wastage	-	-	-	-
PC12. use tools, tackles and equipment carefully to avoid damage	-	-	-	-
PC13. ensure the work processes adopted are in line with the specified standards and instructions	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC14. complete the work with the allocated resources within specified time	-	-	-	-
PC15. clean and organise the workplace after completion of task	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N8002
NOS Name	Plan and organize work to meet expected outcomes
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Generic 2
NSQF Level	4
Credits	1
Version	7.0
Last Reviewed Date	15/02/2023
Next Review Date	NA
NSQC Clearance Date	15/02/2023



Qualification Pack

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

Description

This NOS covers the skill and knowledge required for an individual to work according to personal health, safety and environmental protocols 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
- Follow infection control guidelines as per applicability

Elements and Performance Criteria

Follow safety norms as defined by the 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.** follow all the protocols and safety techniques conveyed during safety awareness programs like Tool Box Talks, safety demonstrations and mock drills conducted at the site
- PC5.** select and operate different types of fire extinguishers corresponding to various 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 for : Head Protection, Ear protection, Fall Protection ,Foot Protection, Face and Eye Protection, Hand and Body Protection , and Respiratory Protection (if required)
- PC8.** handle all required tools, tackles, materials and equipment safely
- PC9.** follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines
- PC10.** check and install all safety equipment as per standard guidelines
- PC11.** follow safety protocols and practices as laid down by site EHS department
- PC12.** obtain "height pass" clearance for working at heights

Implement good housekeeping practices

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

- PC13.** collect, segregate and deposit construction waste into appropriate containers based on their toxicity or hazardous nature



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PC14. apply ergonomic principles wherever required

Follow infection control guidelines as per applicability

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

PC15. follow recommended personal hygiene, workplace hygiene and sanitization practices

PC16. clean and disinfect all materials, tools and supplies before and after use

PC17. report immediately to concerned authorities regarding signs and symptoms of illness of self and others

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 based on various working conditions
- KU6.** importance of handling tools, equipment, and materials as per applicable norms
- KU7.** effect of construction material on health and environments as per applicability
- KU8.** various environmental protection methods as per applicability
- KU9.** storage of waste including 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 at the appropriate location
- KU10.** how to keep the workplace neat and tidy so as to be safe
- KU11.** how to use hazardous material in a safe and appropriate manner as per applicability
- KU12.** types of fire
- KU13.** procedure of operating different types of fire extinguishers
- KU14.** safety relevant to tools, tackles, and equipment as per applicability
- KU15.** housekeeping activities relevant to task
- KU16.** ways of transmission of infection
- KU17.** ways to manage infectious risks at the workplace
- KU18.** different methods of cleaning, disinfection, sterilization, and sanitization
- KU19.** symptoms of infection like fever, cough, redness, swelling, and inflammation

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



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- GS4.** speak in one or more language, preferably in one of the local language of the site
- GS5.** listen to instructions/communication shared by site EHS and superiors regarding site safety, and conducting the toolbox talk
- GS6.** identify potential safety risks and report to the appropriate authority
- GS7.** assess and analyze areas which may affect health, safety and environment protocol on the site



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Follow safety norms as defined by the organization</i>	6	14	-	-
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. follow all the protocols and safety techniques conveyed during safety awareness programs like Tool Box Talks, safety demonstrations and mock drills conducted at the site	-	-	-	-
PC5. select and operate different types of fire extinguishers corresponding to various 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 for : Head Protection, Ear protection, Fall Protection ,Foot Protection, Face and Eye Protection, Hand and Body Protection , and Respiratory Protection (if required)	-	-	-	-
PC8. handle all required tools, tackles, materials and equipment safely	-	-	-	-
PC9. follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines	-	-	-	-
PC10. check and install all safety equipment as per standard guidelines	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. follow safety protocols and practices as laid down by site EHS department	-	-	-	-
PC12. obtain "height pass" clearance for working at heights	-	-	-	-
<i>Implement good housekeeping practices</i>	6	14	-	-
PC13. collect, segregate and deposit construction waste into appropriate containers based on their toxicity or hazardous nature	-	-	-	-
PC14. apply ergonomic principles wherever required	-	-	-	-
<i>Follow infection control guidelines as per applicability</i>	3	7	-	-
PC15. follow recommended personal hygiene, workplace hygiene and sanitization practices	-	-	-	-
PC16. clean and disinfect all materials, tools and supplies before and after use	-	-	-	-
PC17. report immediately to concerned authorities regarding signs and symptoms of illness of self and others	-	-	-	-
NOS Total	30	70	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N9001
NOS Name	Work according to personal health, safety and environment protocols at construction site
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Generic Safety
NSQF Level	4
Credits	1
Version	8.0
Last Reviewed Date	15/02/2023
Next Review Date	NA
NSQC Clearance Date	15/02/2023



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



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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	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. calculate income, expenses, savings etc.	-	-	-	-
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	-	-



Qualification Pack

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	NA
Next Review Date	27/05/2024
NSQC Clearance Date	27/05/2021

Assessment Guidelines and Assessment Weightage

Assessment Guidelines

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



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

Minimum Aggregate Passing % at QP Level : 50

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

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N0354.Assist in erection and dismantling of scaffold using pipe and coupler	30	70	-	-	100	30
CON/N0355.Assist in erection and dismantling of common customized system scaffold	30	70	-	-	100	35
CON/N8001.Work effectively in a team to deliver desired results at the workplace	30	70	-	-	100	10
CON/N8002.Plan and organize work to meet expected outcomes	30	70	-	-	100	5
CON/N9001.Work according to personal health, safety and environment protocols at construction site	30	70	-	-	100	15
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
Total	170	380	-	-	550	100



Qualification Pack

Acronyms

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



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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)	<p>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.</p>
Organisational Context	<p>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.</p>
Technical Knowledge	<p>Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.</p>
Core Skills/ Generic Skills (GS)	<p>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.</p>
Electives	<p>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.</p>
Options	<p>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.</p>