



Qualification Pack



Supervisor - Site EHS

QP Code: CON/Q1402

Version: 2.0

NSQF Level: 6

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CON/Q1402: Supervisor - Site EHS

Brief Job Description

Supervisor site EHS is responsible for ensuring maintenance of site environment, health and safety and providing training along with appropriate reporting and rectification of unsafe conditions at a construction site

Personal Attributes

The Supervisor-Site EHS is expected to be physically fit to work across various locations with varied environmental conditions. The person should be organized, diligent, methodical, safety-conscious, and a prompt decision-maker. In addition to being a team player, the individual should have good communication skills.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

- [1. CON/N1403: Enforce adherence to safe work practice at site](#)
- [2. CON/N1404: Conduct orientation and EHS based training of manpower at construction site](#)
- [3. CON/N1405: Prevent unsafe condition of site environment](#)
- [4. CON/N1406: Investigate and report on safety relevant concerns at construction site](#)
- [5. CON/N8003: Supervise, monitor and evaluate performance of subordinates at workplace](#)
- [6. CON/N9002: Manage workplace for safe and healthy work environment](#)

Qualification Pack (QP) Parameters

Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Environment, Health and Safety
Country	India
NSQF Level	6
Credits	NA



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Aligned to NCO/ISCO/ISIC Code	NCO-2015/3257.9900
Minimum Educational Qualification & Experience	Diploma (3 years after 12 class) with 3 Years of experience in relevant field OR Graduate (in relevant field) with 1 Year of experience OR Certificate-NSQF (level 5) with 3 Years of experience in relevant field
Minimum Level of Education for Training in School	Not Applicable
Pre-Requisite License or Training	NIL
Minimum Job Entry Age	18 Years
Last Reviewed On	31/03/2022
Next Review Date	31/03/2025
NSQC Approval Date	31/03/2022
Version	2.0
Reference code on NQR	2022/CON/CSDCI/05623
NQR Version	1.0



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CON/N1403: Enforce adherence to safe work practice at site

Description

This unit describes the skills and knowledge required to enforce adherence to safe work practice at site.

Scope

The scope covers the following :

- Enforce adherence to safe work practices at the construction site

Elements and Performance Criteria

Enforce adherence to safe work practices at the construction site

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

- PC1.** confirm that all required safety signs are posted, and bulletin boards are maintained in clear and legible condition
- PC2.** oversee the implementation of safe work practices at site and ensure adequate safety measures are followed while working at site
- PC3.** carry out safety walks/site safety inspections in order to observe the physical conditions of work and the work practices and procedures followed by workers
- PC4.** check for access to work, fall protection and installation of safety net for works
- PC5.** ensure appropriate personal protective equipment (PPE's) are used at site as per relevant work and ensure their safe working as per standards
- PC6.** report to the superiors if quality of PPE's is not as per standards
- PC7.** encourage workers to identify unsafe or unhealthy workplace conditions or hazards
- PC8.** make daily observations of employees to ensure that all work (including hazardous work) is performed safely at the workplace
- PC9.** check the sub-contractors' work to ensure its compliance with site EHS policies
- PC10.** ensure that proper clearance from EHS department is taken prior to commencement of any construction work
- PC11.** check that safety permits such as night work permit, height work permit, hot work permit in case of welding, cutting, grinding etc. have been taken prior to commencement of construction work
- PC12.** inspect and rectifying any unsafe conditions at the construction site

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** disposal of waste as per organizational and environmental norms
- KU2.** statutory compliance requirement related to workmen engagement
- KU3.** principles of measurement, geometry and arithmetic
- KU4.** EHS evaluation procedures



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- KU5.** EHS maintenance procedures in case of hazards, accidents and emergencies
- KU6.** types of EHS hazards associated with workplace and handling procedures
- KU7.** limits of responsibility for identifying site accidents or injuries
- KU8.** quality parameters for PPEs

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 sketches, instructions provided for the work, and various signboards, safety rules, safety tags, exit route information in one or more languages, preferably in the local language of the site
- GS3.** speak in one or more language, preferably one of the local language at the site
- GS4.** communicate orally and effectively with team members
- GS5.** analyze the safety aspect of the workplace
- GS6.** plan work and organize required resource effectively
- GS7.** complete work as per agreed time schedule and quality parameters
- GS8.** resolve any conflict within the teammates
- GS9.** evaluate the complexity of the tasks
- GS10.** identify any violation of safety norms during the work



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Enforce adherence to safe work practices at the construction site</i>	50	50	-	-
PC1. confirm that all required safety signs are posted, and bulletin boards are maintained in clear and legible condition	-	-	-	-
PC2. oversee the implementation of safe work practices at site and ensure adequate safety measures are followed while working at site	-	-	-	-
PC3. carry out safety walks/site safety inspections in order to observe the physical conditions of work and the work practices and procedures followed by workers	-	-	-	-
PC4. check for access to work, fall protection and installation of safety net for works	-	-	-	-
PC5. ensure appropriate personal protective equipment (PPE's) are used at site as per relevant work and ensure their safe working as per standards	-	-	-	-
PC6. report to the superiors if quality of PPE's is not as per standards	-	-	-	-
PC7. encourage workers to identify unsafe or unhealthy workplace conditions or hazards	-	-	-	-
PC8. make daily observations of employees to ensure that all work (including hazardous work) is performed safely at the workplace	-	-	-	-
PC9. check the sub-contractors' work to ensure its compliance with site EHS policies	-	-	-	-
PC10. ensure that proper clearance from EHS department is taken prior to commencement of any construction work	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC11. check that safety permits such as night work permit, height work permit, hot work permit in case of welding, cutting, grinding etc. have been taken prior to commencement of construction work	-	-	-	-
PC12. inspect and rectifying any unsafe conditions at the construction site	-	-	-	-
NOS Total	50	50	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1403
NOS Name	Enforce adherence to safe work practice at site
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Environment, Health and Safety
NSQF Level	6
Credits	TBD
Version	2.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022



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CON/N1404: Conduct orientation and EHS based training of manpower at construction site

Description

This unit describes the skills and knowledge required to conduct orientation and EHS(Environment, Health and Safety) based training of manpower at construction site.

Scope

The scope covers the following :

- Conduct orientation and EHS(Environment, Health and Safety) based training of manpower

Elements and Performance Criteria

Conduct orientation and EHS(Environment, Health and Safety) based training of manpower

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

- PC1.** provide orientation/training to the new-employees for health and safety compliance
- PC2.** conduct safety training and demonstrate the use of safety equipment and PPE
- PC3.** provide training to workers about hazards, methods to prevent hazard/harm, and the EHS standards applicable to the workplace
- PC4.** provide training to workers on the safety procedures to be followed, including the use of additional safeguards such as machine guards
- PC5.** carry out special tool box talks requiring discussion on highly critical safety related matters and hazardous site conditions pertaining to particular work etc
- PC6.** provide EHS awareness training for the requirement of common environmental health and safety permits
- PC7.** maintain records of trainings conducted including the details such as names, identity numbers, job description etc. of trainees
- PC8.** conduct hygiene training programs such as noise surveys, continuous atmosphere monitoring, ventilation surveys, and asbestos management plan at site

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for site EHS maintenance works
- KU2.** safety rules and regulations for handling and storing relevant tools, equipment, and materials required for relevant works in accordance with organizational norms
- KU3.** importance of personal protection including the use of related safety gears & equipment in accordance with organizational norms
- KU4.** service request procedures for tools, materials and equipment as per organizational norms
- KU5.** procedure for maintenance of tools and equipment
- KU6.** work scope to be provided to the workers based on their expertise



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- KU7.** EHS evaluation procedures
- KU8.** precautions and measures in maintaining site EHS procedures
- KU9.** procedure for conducting health and safety orientations/ training of new employees
- KU10.** content of EHS awareness training programs
- KU11.** record keeping of trainees
- KU12.** procedure for conducting hygiene training programs
- KU13.** technical inputs for special tool box talk
- KU14.** precautions taken in hazardous working conditions

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 instructions provided for the work, and various signboards, safety rules, safety tags, exit route information in one or more languages, preferably in the local language of the site
- GS3.** speak in one or more language, preferably one of the local language at the site
- GS4.** communicate orally and effectively with team members
- GS5.** analyze the safety aspect of the workplace
- GS6.** plan work and organize required resource effectively
- GS7.** complete work as per agreed time schedule and quality parameters
- GS8.** resolve any conflict within the teammates
- GS9.** evaluate the complexity of the tasks
- GS10.** identify any violation of safety norms during the work



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Conduct orientation and EHS(Environment, Health and Safety) based training of manpower</i>	50	50	-	-
PC1. provide orientation/training to the new-employees for health and safety compliance	-	-	-	-
PC2. conduct safety training and demonstrate the use of safety equipment and PPE	-	-	-	-
PC3. provide training to workers about hazards, methods to prevent hazard/harm, and the EHS standards applicable to the workplace	-	-	-	-
PC4. provide training to workers on the safety procedures to be followed, including the use of additional safeguards such as machine guards	-	-	-	-
PC5. carry out special tool box talks requiring discussion on highly critical safety related matters and hazardous site conditions pertaining to particular work etc	-	-	-	-
PC6. provide EHS awareness training for the requirement of common environmental health and safety permits	-	-	-	-
PC7. maintain records of trainings conducted including the details such as names, identity numbers, job description etc. of trainees	-	-	-	-
PC8. conduct hygiene training programs such as noise surveys, continuous atmosphere monitoring, ventilation surveys, and asbestos management plan at site	-	-	-	-
NOS Total	50	50	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1404
NOS Name	Conduct orientation and EHS based training of manpower at construction site
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Environment, Health and Safety
NSQF Level	6
Credits	TBD
Version	2.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022



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CON/N1405: Prevent unsafe condition of site environment

Description

This unit describes the skills and knowledge required to prevent unsafe condition of site environment

Scope

The scope covers the following :

- Prevent unsafe condition of site environment

Elements and Performance Criteria

Prevent unsafe condition of site environment

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

- PC1.** maintain emergency response plans or procedures
- PC2.** collect and evaluate samples of hazardous materials for identification of hazard
- PC3.** oversee safe disposal of hazardous materials or hazardous wastes as per standard procedures
- PC4.** ensure that all unprotected openings on the floors, edges, slabs, hatchways and stairways are adequately guarded, fenced or barricaded or are safeguarded using similar means to prevent fall
- PC5.** evaluate the adequacy of ventilation, exhaust equipment, lighting, and other conditions that affect the health, comfort, or performance of the employees
- PC6.** take prompt action in case of accidental breakages and spillages
- PC7.** check the site environment to monitor the levels of dust, air ,and noise pollution, etc. and initiate necessary corrections to tackle the adverse site conditions

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for site EHS maintenance works
- KU2.** safety rules and regulations for handling and storing relevant tools, equipment, and materials required for relevant works in accordance with organizational norms
- KU3.** importance of personal protection including the use of related safety gears and equipment in accordance with organizational norms
- KU4.** service request procedures for tools, materials and equipment as per organizational norms
- KU5.** procedure for maintenance of tools and equipment
- KU6.** EHS evaluation procedures
- KU7.** EHS maintenance procedures in case of hazardous materials, hazards, accidents and emergencies
- KU8.** types of EHS hazards associated with workplace and handling procedures
- KU9.** limits of responsibility for identifying site accidents or injuries



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- KU10.** how to maintain emergency resource plans
- KU11.** how to develop medical monitoring programs for employees
- KU12.** how to deal with hazards and accidents at a construction site
- KU13.** tolerance levels for levels of dust, air pollution, noise pollution, etc. to monitor site environment

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 instructions provided for the work, and various signboards, safety rules, safety tags, exit route information in one or more languages, preferably in the local language of the site
- GS3.** speak in one or more language, preferably one of the local language at the site
- GS4.** communicate orally and effectively with team members
- GS5.** analyze the safety aspect of the workplace
- GS6.** plan work and organize required resource effectively
- GS7.** complete work as per agreed time schedule and quality parameters
- GS8.** resolve any conflict within the teammates
- GS9.** evaluate the complexity of the tasks
- GS10.** identify any violation of safety norms during the work



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prevent unsafe condition of site environment</i>	50	50	-	-
PC1. maintain emergency response plans or procedures	-	-	-	-
PC2. collect and evaluate samples of hazardous materials for identification of hazard	-	-	-	-
PC3. oversee safe disposal of hazardous materials or hazardous wastes as per standard procedures	-	-	-	-
PC4. ensure that all unprotected openings on the floors, edges, slabs, hatchways and stairways are adequately guarded, fenced or barricaded or are safeguarded using similar means to prevent fall	-	-	-	-
PC5. evaluate the adequacy of ventilation, exhaust equipment, lighting, and other conditions that affect the health, comfort, or performance of the employees	-	-	-	-
PC6. take prompt action in case of accidental breakages and spillages	-	-	-	-
PC7. check the site environment to monitor the levels of dust, air, and noise pollution, etc. and initiate necessary corrections to tackle the adverse site conditions	-	-	-	-
NOS Total	50	50	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1405
NOS Name	Prevent unsafe condition of site environment
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Environment, Health and Safety
NSQF Level	6
Credits	TBD
Version	2.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022



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CON/N1406: Investigate and report on safety relevant concerns at construction site

Description

This unit describes the skills and knowledge required to investigate and report on safety relevant concerns at construction site.

Scope

The scope covers the following :

- Report on accidents /unsafe site conditions
- Rectify any safety related concerns at a construction site

Elements and Performance Criteria

Report on accidents /unsafe site conditions

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

- PC1.** document all accidents at site within specified time, including the ones without any injuries
- PC2.** investigate all accidents and near-misses to identify their cause and recommend their corresponding preventive measures
- PC3.** inspect work specified areas to ensure the presence of fire prevention equipment, safety equipment, and first-aid supplies
- PC4.** identify unsafe act/ unsafe condition of work and provide recommendations for their corrective action
- PC5.** investigate and report any complaints related to the employee's health or safety on the site
- PC6.** report uncorrected imminent dangers
- PC7.** ensure that necessary first aid support is available on site

Rectify any safety related concerns at a construction site

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

- PC8.** take appropriate steps in case of a fall of a person in a near-miss accident
- PC9.** notify concerned authorities in case of injury or fire, explosion, fatality, or other serious incidents
- PC10.** recommend measures to help protect workers from potentially hazardous work methods, processes, or materials
- PC11.** analysis data for the near-miss accidents to implement preventive EHS protocols for minimizing them

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** standard practices for site EHS maintenance works



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- KU2.** safety rules and regulations for handling and storing relevant tools, equipment, and materials required for relevant works in accordance with organizational norms
- KU3.** importance of personal protection including the use of related safety gears and equipment in accordance with organizational norms
- KU4.** service request procedures for tools, materials and equipment as per organizational norms
- KU5.** procedure for maintenance of tools and equipment
- KU6.** statutory compliance requirement related to workmen engagement
- KU7.** EHS evaluation procedures
- KU8.** EHS maintenance procedures in case of hazards, accidents and emergencies
- KU9.** types of EHS hazards associated with workplace and handling procedures
- KU10.** limits of responsibility for identifying site accidents or injuries
- KU11.** data analysis for EHS near-miss cases on site

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 instructions provided for the work, and various signboards, safety rules, safety tags, exit route information in one or more languages, preferably in the local language of the site
- GS3.** speak in one or more language, preferably one of the local language at the site
- GS4.** communicate orally and effectively with team members
- GS5.** analyze the safety aspect of the workplace
- GS6.** plan work and organize required resource effectively
- GS7.** complete work as per agreed time schedule and quality parameters
- GS8.** resolve any conflict within the teammates
- GS9.** evaluate the complexity of the tasks
- GS10.** identify any violation of safety norms during the work



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Report on accidents /unsafe site conditions</i>	30	30	-	-
PC1. document all accidents at site within specified time, including the ones without any injuries	-	-	-	-
PC2. investigate all accidents and near-misses to identify their cause and recommend their corresponding preventive measures	-	-	-	-
PC3. inspect work specified areas to ensure the presence of fire prevention equipment, safety equipment, and first-aid supplies	-	-	-	-
PC4. identify unsafe act/ unsafe condition of work and provide recommendations for their corrective action	-	-	-	-
PC5. investigate and report any complaints related to the employee's health or safety on the site	-	-	-	-
PC6. report uncorrected imminent dangers	-	-	-	-
PC7. ensure that necessary first aid support is available on site	-	-	-	-
<i>Rectify any safety related concerns at a construction site</i>	20	20	-	-
PC8. take appropriate steps in case of a fall of a person in a near-miss accident	-	-	-	-
PC9. notify concerned authorities in case of injury or fire, explosion, fatality, or other serious incidents	-	-	-	-
PC10. recommend measures to help protect workers from potentially hazardous work methods, processes, or materials	-	-	-	-
PC11. analysis data for the near-miss accidents to implement preventive EHS protocols for minimizing them	-	-	-	-
NOS Total	50	50	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N1406
NOS Name	Investigate and report on safety relevant concerns at construction site
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	EHS
NSQF Level	6
Credits	TBD
Version	2.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022



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CON/N8003: Supervise, monitor and evaluate performance of subordinates at workplace

Description

This unit covers the skills and knowledge required by an individual to supervise, monitor and evaluate performance of subordinates at the work place

Scope

The scope covers the following :

- Monitor and evaluate subordinates performance as per quality standards and timelines
- Practice and promote gender inclusive behavior and leadership

Elements and Performance Criteria

Monitor and evaluate subordinates performance as per quality standards and timelines

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

- PC1.** fix expected targets for the respective gang as per site requirements and allocate work to subordinates
- PC2.** establish expected performance standards and expectations for the respective gang of workers to meet the desired outcomes
- PC3.** inspect assigned work to the respected gang of workers through progressive checking
- PC4.** observe and verify the work activities performed by the subordinates at the construction site
- PC5.** monitor overall performance of subordinates on the designed measures to ensure quality requirements set by the concerned authority
- PC6.** ensure adherence to the organizational policies and procedures for all relevant construction activities by the workmen subordinations

Practice and promote gender inclusive behavior and leadership

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

- PC7.** promote a safe, supportive, inclusive and gender sensitive environment at workplace.
- PC8.** manage and facilitate capacity building to enable inclusion of all genders
- PC9.** take prompt corrective action in case of inappropriate behavior at workplace

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** policies, procedures and work targets for performance evaluation and appraisals
- KU2.** organizational policies, procedures and protocol for smooth completion of work at the respective workplace
- KU3.** complete work/task accurately by following standard specifications and procedures by optimized and correct used of materials , tools, tackles and equipment



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Generic Skills (GS)

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

- GS1.** write in at one or more language, preferably the local language
- GS2.** read in at one or more language, preferably the local language at the site
- GS3.** speak in at one or more language, preferably one of the local language at the site
- GS4.** communicate effectively with team members at workplace
- GS5.** plan work as per right sequence and organize required resources in coordination with the team members
- GS6.** complete work as per the requirement
- GS7.** evaluate and find solutions to minimize errors and suggest improvements for optimizing resource utilization
- GS8.** assess which situations would require intervention of superiors



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Monitor and evaluate subordinates performance as per quality standards and timelines</i>	40	40	-	-
PC1. fix expected targets for the respective gang as per site requirements and allocate work to subordinates	-	-	-	-
PC2. establish expected performance standards and expectations for the respective gang of workers to meet the desired outcomes	-	-	-	-
PC3. inspect assigned work to the respected gang of workers through progressive checking	-	-	-	-
PC4. observe and verify the work activities performed by the subordinates at the construction site	-	-	-	-
PC5. monitor overall performance of subordinates on the designed measures to ensure quality requirements set by the concerned authority	-	-	-	-
PC6. ensure adherence to the organizational policies and procedures for all relevant construction activities by the workmen subordinations	-	-	-	-
<i>Practice and promote gender inclusive behavior and leadership</i>	10	10	-	-
PC7. promote a safe, supportive, inclusive and gender sensitive environment at workplace.	-	-	-	-
PC8. manage and facilitate capacity building to enable inclusion of all genders	-	-	-	-
PC9. take prompt corrective action in case of inappropriate behavior at workplace	-	-	-	-
NOS Total	50	50	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N8003
NOS Name	Supervise, monitor and evaluate performance of subordinates at workplace
Sector	Construction
Sub-Sector	Real Estate and Infrastructure construction
Occupation	Generic 2
NSQF Level	6
Credits	TBD
Version	3.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022



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CON/N9002: Manage workplace for safe and healthy work environment

Description

This unit describes the skill and knowledge required to maintain a healthy & safe working environment for the group of people working under an individual

Scope

The scope covers the following :

- Ensure effective implementation of health, safety and environment policies and procedures
- Identify and respond to risks / fire and emergencies associated with the work practices and workplace
- Ensure sanitization and infection control guidelines are followed at construction site

Elements and Performance Criteria

Ensure effective implementation of health, safety and environment policies and procedures

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

- PC1.** implement safe handling and stacking methods at workplace /store
- PC2.** ensure the adequate availability and placing of safety and protection installations at site
- PC3.** ensure that safe access ways are available at work place for movement of workers and materials
- PC4.** ensure the safe use of tools and tackles by teammates as per work requirements
- PC5.** ensure ergonomic principles are adopted by the teammates while lifting and shifting of construction materials, tools and equipment
- PC6.** ensure appropriate use of following Personal Protective Equipment (PPE) as per work requirement of head protection, ear protection, fall protection, foot protection, face and eye protection, hand and body protection, respiratory protection
- PC7.** maintain entry and exit pathways from confined spaces, excavated pits and other location as per safety parameters/instructions
- PC8.** ensure proper housekeeping at workplace
- PC9.** ensure that subordinates adhere to health and safety plans

Identify and respond to risks / fire and emergencies associated with the work practices and workplace

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

- PC10.** identify any hazard at workplace and report/notify the same to appropriate authorities.
- PC11.** follow procedures for accident recording and reporting as per organizational and statutory requirements
- PC12.** ensure effective adherence to emergency response procedures / protocols
- PC13.** select and operate different types of fire extinguishers corresponding to types of fires as per EHS guideline
- PC14.** obtain 'height pass' clearance as per EHS guideline



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PC15. implement control measures to reduce risks ,meeting legislative requirements within the scope of own role and expertise, as per organizational policies

Ensure sanitization and infection control guidelines are followed at construction site

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

PC16. promote awareness about latest hygiene and sanitation regulations

PC17. ensure disinfection procedure related to material, tools and supplies are followed properly

PC18. respond to infection prevention and control and its non-compliance , within scope of own role or report to required personnel

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. the policies, procedures and protocol set up by the EHS Department with respect to Health , Safety and Environment at the respective construction site

KU2. reporting procedures in cases of breaches or hazards in site safety, accidents or emergency situations

KU3. safe working practices for tools, tackles and equipment

KU4. workplace policies and health and safety requirements for dealing with potential risks as defined by the EHS department

KU5. how to respond to accidents and emergencies

KU6. the appropriate personal protective equipment to be used based on various working conditions

KU7. how to use necessary material ,tools, tackles and equipment in a safe and appropriate manner as specified by site EHS for each level and respective workman gang

KU8. ways of transmission of infection

KU9. ways to manage infectious risks at the workplace

KU10. different methods of cleaning, disinfection, sterilization and sanitization

KU11. symptoms of infection like fever, cough, redness, swelling and inflammation

KU12. actions be taken during a medical emergency

KU13. current guidelines, national legislation, local policies and protocols regarding spread of infectious disease.

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 instructions provided for the work, and various signboards, safety rules, safety tags, exit route information in one or more languages, preferably in the local language of the site

GS3. speak in one or more language, preferably one of the local language at the site

GS4. listen and follow instructions shared by site EHS and superiors regarding site safety

GS5. communicate reporting of site conditions, hazards, accidents, etc.

GS6. analyze the safety aspect of the workplace



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GS7. identify any violation of safety norms during the work



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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Ensure effective implementation of health, safety and environment policies and procedures</i>	20	30	-	-
PC1. implement safe handling and stacking methods at workplace /store	-	-	-	-
PC2. ensure the adequate availability and placing of safety and protection installations at site	-	-	-	-
PC3. ensure that safe access ways are available at work place for movement of workers and materials	-	-	-	-
PC4. ensure the safe use of tools and tackles by teammates as per work requirements	-	-	-	-
PC5. ensure ergonomic principles are adopted by the teammates while lifting and shifting of construction materials, tools and equipment	-	-	-	-
PC6. ensure appropriate use of following Personal Protective Equipment (PPE) as per work requirement of head protection, ear protection, fall protection, foot protection, face and eye protection, hand and body protection, respiratory protection	-	-	-	-
PC7. maintain entry and exit pathways from confined spaces, excavated pits and other location as per safety parameters/instructions	-	-	-	-
PC8. ensure proper housekeeping at workplace	-	-	-	-
PC9. ensure that subordinates adhere to health and safety plans	-	-	-	-
<i>Identify and respond to risks / fire and emergencies associated with the work practices and workplace</i>	12	18	-	-
PC10. identify any hazard at workplace and report/notify the same to appropriate authorities.	-	-	-	-
PC11. follow procedures for accident recording and reporting as per organizational and statutory requirements	-	-	-	-
PC12. ensure effective adherence to emergency response procedures / protocols	-	-	-	-



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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC13. select and operate different types of fire extinguishers corresponding to types of fires as per EHS guideline	-	-	-	-
PC14. obtain 'height pass' clearance as per EHS guideline	-	-	-	-
PC15. implement control measures to reduce risks ,meeting legislative requirements within the scope of own role and expertise, as per organizational policies	-	-	-	-
<i>Ensure sanitization and infection control guidelines are followed at construction site</i>	8	12	-	-
PC16. promote awareness about latest hygiene and sanitation regulations	-	-	-	-
PC17. ensure disinfection procedure related to material, tools and supplies are followed properly	-	-	-	-
PC18. respond to infection prevention and control and its non-compliance , within scope of own role or report to required personnel	-	-	-	-
NOS Total	40	60	-	-



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National Occupational Standards (NOS) Parameters

NOS Code	CON/N9002
NOS Name	Manage workplace for safe and healthy work environment
Sector	Construction
Sub-Sector	Generic
Occupation	Generic
NSQF Level	5
Credits	TBD
Version	3.0
Last Reviewed Date	31/03/2022
Next Review Date	31/03/2025
NSQC Clearance Date	31/03/2022

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)/ element 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/ element.
2. The assessment for the knowledge part will be based on knowledge bank of questions created by Assessment Bodies subject to approval by SSC
3. Individual assessment agencies will create unique question papers for knowledge/theory part for assessment of candidates as per assessment criteria given below
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on assessment criteria.
5. The passing percentage for each QP will be 70%. To pass the Qualification Pack, every trainee should score a minimum of 70% individually in each NOS.
6. The Assessor shall check the final outcome of the practices while evaluating the steps performed to achieve the final outcome.



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7. The trainee shall be provided with a chance to repeat the test to correct his procedures in case of improper performance, with a deduction of marks for each iteration.
8. After the certain number of iteration as decided by SSC the trainee is marked as fail, scoring zero marks for the procedure for the practical activity.
9. In case of successfully passing only certain number of 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.)

Minimum Passing % at NOS Level: 70

(Please note: A Trainee must score the minimum percentage for each NOS separately as well as on the QP as a whole.)

Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N1403.Enforce adherence to safe work practice at site	50	50	-	-	100	15
CON/N1404.Conduct orientation and EHS based training of manpower at construction site	50	50	-	-	100	20
CON/N1405.Prevent unsafe condition of site environment	50	50	-	-	100	20
CON/N1406.Investigate and report on safety relevant concerns at construction site	50	50	-	-	100	15
CON/N8003.Supervise, monitor and evaluate performance of subordinates at workplace	50	50	-	-	100	20



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National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
CON/N9002.Manage workplace for safe and healthy work environment	40	60	-	-	100	10
Total	290	310	-	-	600	100



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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>