

## What are Occupational Standards (OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

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## Introduction

### Qualifications Pack – Helper Construction Painter

**SECTOR:** CONSTRUCTION

**SUB-SECTOR:** Real Estate and Infrastructure Construction

**OCCUPATION:** CONSTRUCTION PAINTING

**REFERENCE ID:** CON/Q0501

**ALIGNED TO:** NCO-2004/9313.90

**Helper Construction Painter:** This job role provides support in handling, shifting, storing and preparation of paints and related painting materials and preparing surfaces for painting works at the construction site.

**Brief Job Description:** This job role is responsible for handling, shifting and storing of materials, handling tools and tackles relevant to painting, identification and preparation of paints and surfaces, mixing of colours and paints, providing support in setting & layout and erection and dismantle of temporary scaffold. The individual should have good knowledge about the environment, health, safety and safe working practices.

**Personal Attributes:** The individual is expected to be physically fit and should be able to work across various locations in extreme weather/site conditions. The person should be able to perform efficiently within a team, handle the various painting tools and materials and work responsibly.

<b>Job Details</b>	<b>Qualifications Pack Code</b>	CON/Q0501		
	<b>Job Role</b>	Helper Construction Painter		
	<b>Credits (NSQF)</b>	TBD	<b>Version number</b>	1.1
	<b>Sector</b>	Construction	<b>Drafted on</b>	07/05/2015
	<b>Sub-sector</b>	Real Estate and Infrastructure Construction	<b>Last reviewed on</b>	23/05/2015
	<b>Occupation</b>	1. Construction Painting	<b>Next review date</b>	23/05/2017
	<b>NSQC Clearance on</b>	NA		

Job Role	Helper Construction Painter
<b>Role Description</b>	The job role is responsible for identification, selection, handling & storing of tools, tackles & materials, preparation of various paints and surfaces, mixing of colours & paints and erection and dismantling of temporary scaffold and work platforms under instructions and close supervision.
<b>NSQF level</b>	1
<b>Minimum Educational Qualifications</b>	Preferably 5 <sup>th</sup> standard
<b>Maximum Educational Qualifications</b>	N.A.
<b>Training</b> (Suggested but not mandatory)	Recommended training period of 6-8 weeks as per QP of Helper Construction Painter Normal literacy of reading, writing and understanding
<b>Minimum Job Entry Age</b>	18 years
<b>Experience</b>	NIL
<b>Applicable National Occupational Standards (NOS)</b>	<p><b>Compulsory:</b></p> <ol style="list-style-type: none"> <li><a href="#">CON/N0501: Identify, handle, store and use basic tools, equipment and paints and related painting materials</a></li> <li><a href="#">CON/N0502: Carry out preparation of all type of basic surfaces for painting works</a></li> <li><a href="#">CON/N0101: Erect and dismantle temporary scaffold of 3.6 meter height</a></li> <li><a href="#">CON/N9001: Work according to personal health, safety and environmental protocol at construction site</a></li> </ol> <p><b>Optional:</b> N.A.</p>
<b>Performance Criteria</b>	As described in the relevant OS units

Definitions	Keywords / Terms	Description
	Sector	Sector is 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 organization.
	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 they need to meet the standard consistently. Occupational Standards are applicable both in the Indian contexts.
	Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task.
	Qualifications Pack (QP)	Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualification Pack is assigned a unique qualification pack code
	Qualification Pack Code	Qualification Pack Code is a unique reference code that identifies a qualifications pack.
	National Occupational Standards (NOS)	NOS are Occupational Standards which apply uniquely in the Indian context.
	Scope	Scope is the 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 the quality of performance required.
	Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard
	Organizational Context	Organizational Context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
	Technical Knowledge	Technical Knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills / Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working 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.	
Acronyms	Keywords /Terms	Description
	CON	Construction
	NSQF	National Skill Qualifications Framework
	QP	Qualification Pack
	OS	Occupational Standards
	TBD	To Be Decided

**CON/N0501 Identify, handle, store & use basic tools, equipment and paints and related painting materials**

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# National Occupational Standard



## Overview

This NOS covers the skills and knowledge required by a workman to be proficient in identifying, handling, storing and using basic tools, equipment and paints and related painting materials.

**CON/N0501 Identify, handle, store & use basic tools, equipment and paints and related painting materials**

<b>National Occupational Standard</b>	<b>Unit Code</b>	<b>CON/N0501</b>
	<b>Unit Title (Task)</b>	<b>Identify, handle, store &amp; use basic tools, equipment and paints and related painting materials</b>
	<b>Description</b>	This unit describes the skills and knowledge required to identify, handle, store and use basic tools, equipment and paints and related painting materials.
	<b>Scope</b>	<p>This unit/task covers the following:</p> <ul style="list-style-type: none"> <li>• Identify, select &amp; use basic tools &amp; materials related to painting works</li> <li>• Handle and store paints and related painting materials</li> <li>• Dispose waste safely as per organizational guidelines</li> </ul>
	<b>Performance Criteria (PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Identify, select &amp; use basic tools &amp; materials related to painting works</b>	<p>To be competent, the user/individual on the job must be able to:</p> <p>PC1. identify and select common painting materials used for relevant work such as thinner, turpentine oil, sealing compound, various paints and its additives and caulking putty</p> <p>PC2. classify different materials based on their type and usage</p> <p>PC3. identify basic tools used for painting works such as hand tools like rollers, brushes, paint bucket, sponges, dusting brush, tack rags, paint stirrers, strainers, sand paper, masking tape &amp; wall scrappers, measuring tools and power tools</p> <p>PC4. check for serviceability/safety of tools and equipment and report faults to superiors</p> <p>PC5. select and use appropriate hand tools relevant to the task</p> <p>PC6. set up and use basic leveling devices like spirit level, water level &amp; straight edge</p> <p>PC7. clean and maintain tools prior to and after use</p>
	<b>Handle and store paints and related painting materials</b>	<p>PC8. maintain safe &amp; clean work space while moving, handling or storing paints materials</p> <p>PC9. apply appropriate technique of lifting and shifting to transfer required materials and tools</p> <p>PC10. follow standard methods and sequence of loading and unloading of materials such as paints ,putty, sealers, varnishes, additives, thinner &amp; turpentine oil</p> <p>PC11. maintain proper &amp; safe storage , stacking and maintenance of material for easy identification and retrieval</p> <p>PC12. apply specific handling and storing technique for hazardous and flow able material like adhesive, admixtures ,chemicals, thinners and other painting materials</p>

**CON/N0501 Identify, handle, store & use basic tools, equipment and paints and related painting materials**

	PC13. carry out handling and storing of material recognizing and utilizing individual effort and team work as per applicability
<b>Dispose waste safely as per organizational guidelines</b>	<p>PC14. handle waste material correctly and safely in accordance with the environmental and organization policies</p> <p>PC15. handle hazardous /inflammable material effectively and safely as per organizational guidelines</p> <p>PC16. clear work place of all debris and unwanted materials</p> <p>PC17. dispose waste material safely in accordance with environmental norms, organizational procedures, manufacturers’ guidelines, statutory regulations and instructions</p>
<b>Knowledge and Understanding (K)</b>	
<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. standard practices of painting works</p> <p>KA2. safety rules and regulation for handling and storing required painting tools, equipment and materials</p> <p>KA3. personal protection including the use of related safety gears &amp; equipment</p> <p>KA4. how to request tools and materials as per set procedures</p> <p>KA5. maintenance of tools and equipment</p>
<b>B. Technical Knowledge</b>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. standard size and type of different painting tools and their care and maintenance</p> <p>KB2. use of different painting tools and materials</p> <p>KB3. basic leveling devices like plumb bob, spirit level ,water level &amp; straight edge their setting and use</p> <p>KB4. how to transfer levels using basic leveling devices</p> <p>KB5. classification and use of materials as per the application and compositions</p> <p>KB6. various techniques / procedures for basic material handling</p> <p>KB7. method and height up to which each materials should be stacked as per the nature, size and shape of material and the space available</p> <p>KB8. method of bagging and tagging of materials</p> <p>KB9. handling and stacking of hazardous materials based on its inflammable nature</p> <p>KB10. how to use conveyance equipment for movement of materials</p> <p>KB11. importance of arranging and shifting of construction material on the construction site safely and effectively</p> <p>KB12. how to select and use appropriate tools and equipment’ used for handling various materials (including flow able, heavy and hazardous materials)</p> <p>KB13. use indent during receiving of materials and tools in store</p> <p>KB14. how to determine shortest possible route for material shifting</p> <p>KB15. housekeeping procedures required in the workplace</p>

**CON/N0501 Identify, handle, store & use basic tools, equipment and paints and related painting materials**

	KB16. safe disposal of waste
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to: SA1. write in at least one language, preferably in the local language of the site
	<b>Reading Skills</b>
	The user/ individual on the job needs to know and understand how to: SA2. read in at least one language, preferably in the local language of the site SA3. read instructions, guidelines, sign boards, safety rules and safety tags SA4. read instructions and exit routes during emergency
	<b>Oral Communication (Listening and Speaking skills)</b>
	The user/ individual on the job needs to know and understand how to: SA5. speak in one or more language, preferably in one of the local language of the site SA6. listen and follow instructions communicated by supervisors SA7. orally and effectively communicate with team member
	<b>B. Professional Skills</b>
SB1. N.A	
<b>Plan and Organize</b>	
The user/individual on the job needs to know and understand how to: SB2. plan self-work as per the direction under close supervision of a superior	
<b>Customer centricity</b>	
The user/individual on the job needs to know and understand how to: SB3. ensure that all work is done as per instructions provided by superiors	
<b>Problem solving</b>	
SB4. N.A	
<b>Analytical Thinking</b>	
SB5. N.A	
<b>Critical Thinking</b>	
The user/individual on the job needs to know and understand how to: SB6. evaluate the complexity of the tasks to determine if any assistance is required from the seniors	

**CON/N0501 Identify, handle, store & use basic tools, equipment and paints and related painting materials**

**NOS Version Control**

<b>NOS Code</b>	<b>CON/N0501</b>		
<b>Credits(NSQF)</b>	<b>TBD</b>	<b>Version number</b>	<b>1.1</b>
<b>Industry</b>	<b>Construction</b>	<b>Drafted on</b>	<b>07/05/2015</b>
<b>Industry Sub-sector</b>	<b>Real Estate and Infrastructure Construction</b>	<b>Last reviewed on</b>	<b>23/05/2015</b>
<b>Occupation</b>	<b>Construction Painting</b>	<b>Next review date</b>	<b>23/05/2017</b>





CON/N0502

Carry out preparation of all type of basic surfaces for painting works

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# National Occupational Standard



## Overview

This NOS covers the skills and knowledge required by a workman to be proficient in carrying out preparation of all type of basic surfaces for painting works.

**CON/N0502**

**Carry out preparation of all type of basic surfaces for painting works**

National Occupational Standard	<b>Unit Code</b>	CON/N0502
	<b>Unit Title (Task)</b>	Carry out preparation of all type of basic surfaces for painting works
	<b>Description</b>	This unit describes the skills and knowledge required to carry out preparation of all type of basic surfaces for painting works
	<b>Scope</b>	This scope covers the following: <ul style="list-style-type: none"> <li>Carry out preparation of all type of basic surfaces for painting works</li> </ul>
	<b>Performance Criteria (PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Carry out preparation of all type of basic surfaces for painting works</b>	<p>To be competent, the user / individual on the job must be able to:</p> <ul style="list-style-type: none"> <li>PC1. visually assess the surface for the type of preparation method required</li> <li>PC2. select and use appropriate materials, tools and equipment for preparing basic surfaces by removing rust, grease, dirt, concrete, and old paint prior to paint application</li> <li>PC3. protect the work and its surrounding area from damage in accordance with organizational procedures/instructions</li> <li>PC4. select appropriate preparation process as per the type of surface such as plastered masonry and RCC surface, metal surface and wood surface</li> <li>PC5. carry out surface preparation methods such as washing, stripping/ scarping, abrading &amp; keying, and brushing for various surfaces</li> <li>PC6. prepare metal surface by degreasing, solvent wiping and abrading using appropriate tools</li> <li>PC7. prepare wood surface by scraping, solvent wiping and abrading using appropriate tools</li> <li>PC8. remove existing coating as per requirement/instructions using appropriate methods</li> <li>PC9. level and fill all voids and undulations on the surface using appropriate filler for obtaining a flushed finished surface</li> </ul>
	<b>Knowledge and Understanding (K)</b>	
	<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <ul style="list-style-type: none"> <li>KA1. standard practices of painting works</li> <li>KA2. safety rules and regulation for handling and storing required painting tools, equipment and materials</li> <li>KA3. personal protection including the use of related safety gears &amp; equipment</li> <li>KA4. how to request tools and materials as per set procedures</li> <li>KA5. maintenance of tools and equipment</li> </ul>

**CON/N0502**

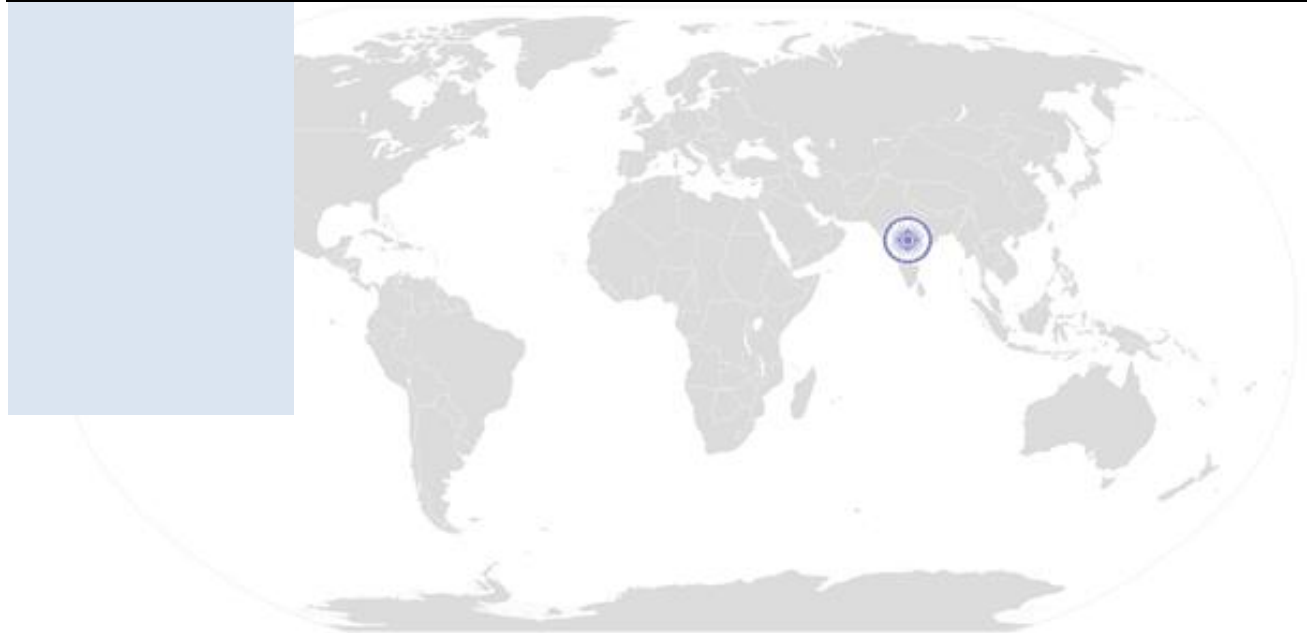
**Carry out preparation of all type of basic surfaces for painting works**

<b>B. Technical Knowledge</b>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. types of materials required for surface preparation such as putties, stoppers, solvents, filler, mordant solutions &amp; stabilizing solutions</p> <p>KB2. types of tools required for surface preparation such as scraper, putty knife, chisel knife, knotting brush, nail punch, hammer, dusting brush, dust masks, wire brushes, goggles, filling knife, filling board, gloves &amp; buckets</p> <p>KB3. how to select and use tools and equipment for surface preparation</p> <p>KB4. methodology for preparation of different surfaces like masonry, RCC, wood and metal by wet and dry abrading, degreasing, knotting, priming, , filling, rust removal, raking out, removal of paint systems &amp; removal of wall coverings.</p> <p>KB5. different type of abrasives such as glass, sand paper, sanders and their uses</p> <p>KB6. different types of cleaning agents used for surface preparation</p> <p>KB7. different type of fillers and their uses</p>
<b>Skills (S)</b>	
<b>A. Core Skills/ Generic Skills</b>	<b>Writing Skills</b>
	The user/ individual on the job needs to know and understand how to: SA1. write in at least one language, preferably in the local language of the site
	<b>Reading Skills</b>
	The user/ individual on the job needs to know and understand how to: SA2. read in at least one language, preferably in the local language of the site SA3. read instructions, guidelines, sign boards, safety rules and safety tags SA4. read instructions and exit routes during emergency
	<b>Oral Communication (Listening and Speaking skills)</b>
<b>B. Professional Skills</b>	The user/ individual on the job needs to know and understand how to: SA5. speak in one or more language, preferably in one of the local language of the site SA6. listen and follow instructions communicated by supervisors SA7. orally and effectively communicate with co-workers & subordinates
	<b>Decision Making</b>
	SB1. N.A
	<b>Plan and Organize</b>
	The user/ individual on the job needs to know and understand how to: SB2. plan self-work as per the direction under close supervision of a superior
	<b>Customer centricity</b>

CON/N0502

Carry out preparation of all type of basic surfaces for painting works

	The user/individual on the job needs to know and understand how to: SB3. ensure that all work is done as per instructions provided by superiors
	<b>Problem solving</b>
	SB4. N.A
	<b>Analytical Thinking</b>
	SB5. N.A
	<b>Critical Thinking</b>
	The user/individual on the job needs to know and understand how to: SB6. identify location at which violation of any safety norms may lead to accidents



CON/N0502

Carry out preparation of all type of basic surfaces for painting works

## NOS Version Control

<b>NOS Code</b>	CON/N0502		
<b>Credits (NSQF)</b>	TBD	<b>Version number</b>	1.1
<b>Industry</b>	Construction	<b>Drafted on</b>	07/05/2015
<b>Industry Sub-sector</b>	Real Estate and Infrastructure Construction	<b>Last reviewed on</b>	23/05/2015
<b>Occupation</b>	Construction Painting	<b>Next review date</b>	23/05/2017



CON/N0101

Erect and dismantle temporary scaffold of 3.6 meter height

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# National Occupational Standard



## Overview

This NOS covers the skills and knowledge required by a workman to be proficient in erecting and dismantling temporary scaffold of 3.6 m height.

**CON/N0101**

**Erect and dismantle temporary scaffold of 3.6 meter height**

National Occupational Standard	<b>Unit Code</b>	CON/N0101
	<b>Unit Title (Task)</b>	Erect and dismantle temporary scaffold of 3.6 meter height
	<b>Description</b>	This unit describes the skills and knowledge required to erect and dismantle 3.6 meter temporary scaffold
	<b>Scope</b>	The scope covers the following: <ul style="list-style-type: none"> <li>Erect and dismantle temporary scaffold of 3.6 meter height</li> </ul>
	<b>Performance Criteria (PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	Erect and dismantle temporary scaffold of 3.6 meter height	<p>To be competent, the user / individual on the job must be able to:</p> <p>PC1. level area where scaffold need to be erected and check for ground compactness if required</p> <p>PC2. shift and stack required materials, components, tools and tackles at the instructed location</p> <p>PC3. wear and use required safety gadgets and follow trade safety</p> <p>PC4. place base plates and sole boards on the ground as per markings and instructions</p> <p>PC5. use proper components and follow standard procedure for 3.6 m temporary scaffold erection</p> <p>PC6. check verticality of scaffold at first level of erection and correct (if required) before moving to the next level</p> <p>PC7. check for rigidity, stability and support of erected scaffold</p> <p>PC8. fix walk-boards, guard rails, toe-boards and other components on working platform</p> <p>PC9. follow standard procedure for dismantling of 3.6 m temporary scaffold</p> <p>PC10. remove guard rails, toe boards, walk boards and other components sequentially</p> <p>PC11. clean and stack all components properly after dismantling</p> <p>PC12. maintain tidiness at work location</p>
	<b>Knowledge and Understanding (K)</b>	
	<b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. standard procedure for scaffolding works</p> <p>KA2. safety rules and regulations for handling and storing scaffolding tools, materials and components</p> <p>KA3. personal protection including use of safety gears and equipment</p> <p>KA4. safe working methods and movements while performing relevant tasks</p> <p>KA5. request procedure for tools &amp; materials</p> <p>KA6. housekeeping &amp; other administrative rules</p>

CON/N0101

**Erect and dismantle temporary scaffold of 3.6 meter height**

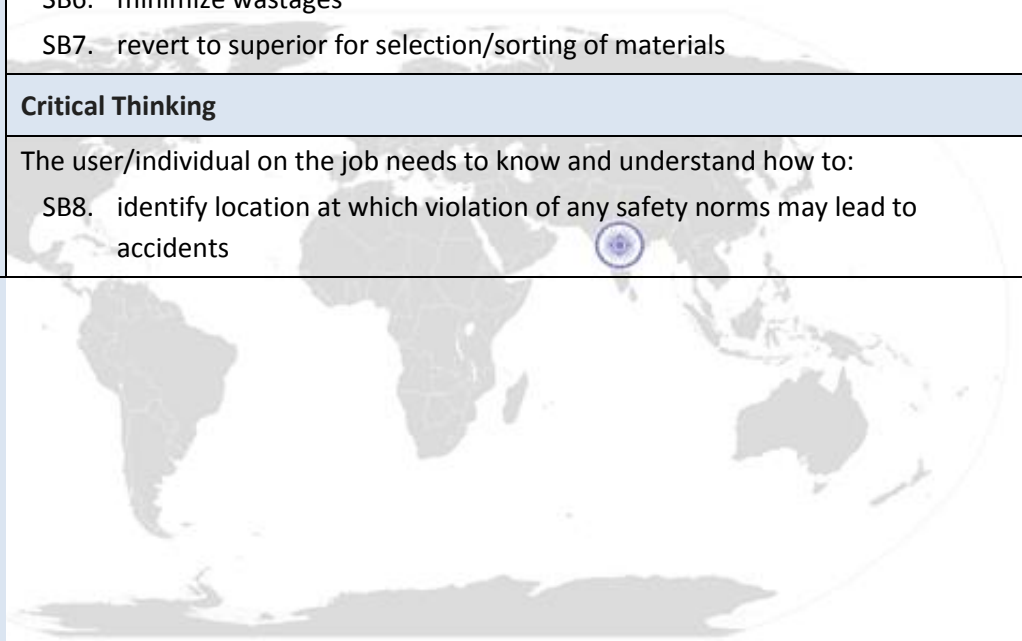
<p><b>B. Technical Knowledge</b></p>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. use of different types of scaffolds (cup-lock , frame scaffold)</p> <p>KB2. use of tools and tackles in scaffolding works</p> <p>KB3. identification and use of different components</p> <p>KB4. use of tools for measurements and marking</p> <p>KB5. basic arithmetic calculation</p> <p>KB6. units of measurements</p> <p>KB7. standard size of scaffolding components</p> <p>KB8. personal protective equipment for safety</p> <p>KB9. importance of housekeeping</p> <p>KB10. standard procedure for erection and dismantling of 3.6 m temporary scaffold</p> <p>KB11. tools and equipment used for erecting and dismantling 3.6 meter temporary scaffold</p>
<p><b>Skills (S)</b></p>	
<p><b>A. Core Skills/ Generic Skills</b></p>	<p><b>Writing Skills</b></p>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA1. write in one or more language, preferably in the local language of the site</p>
	<p><b>Reading Skills</b></p>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA2. read one or more language, preferably the local language of the site</p> <p>SA3. read instructions, guidelines, sign boards, safety rules &amp; safety tags instruction related to exit routes during emergency at the workplace</p>
<p><b>Professional Skills</b></p>	<p><b>Oral Communication (Listening and Speaking skills)</b></p>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA4. speak in one or more language, preferably in one of the local languages of site</p> <p>SA5. listen and follow instructions / communication shared by superiors/ co-workers regarding team requirements or interfaces during work processes</p> <p>SA6. orally communicate with co-workers regarding support required to complete the respective work</p>
	<p><b>Decision Making</b></p>
<p>The user/ individual on the job needs to know and understand how to:</p> <p>SB1. decide whether the workplace is safe for working and also whether the relevant work is not creating hazardous conditions for others</p>	
<p><b>Plan and Organize</b></p>	



CON/N0101

Erect and dismantle temporary scaffold of 3.6 meter height

	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SB2. identify and organize right scaffolding materials</p> <p>SB3. identify and use relevant tools effectively</p>
	<b>Customer centricity</b>
	<p>The user/individual on the job needs to know and understand how to:</p> <p>SB4. complete work as per agreed time and quality</p>
	<b>Problem solving</b>
	<p>SB5. N.A</p>
	<b>Analytical Thinking</b>
	<p>The user/individual on the job should know and understand how to:</p> <p>SB6. minimize wastages</p> <p>SB7. revert to superior for selection/sorting of materials</p>
	<b>Critical Thinking</b>
<p>The user/individual on the job needs to know and understand how to:</p> <p>SB8. identify location at which violation of any safety norms may lead to accidents</p>	



CON/N0101

Erect and dismantle temporary scaffold of 3.6 meter height

## NOS Version Control

<b>NOS Code</b>	<b>CON/N0101</b>		
<b>Credits (NSQF)</b>	TBD	<b>Version number</b>	<b>1.1</b>
<b>Industry</b>	Construction	<b>Drafted on</b>	<b>07/05/2015</b>
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<b>Occupation</b>	Construction Painting	<b>Next review date</b>	<b>23/05/2017</b>



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

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# National Occupational Standard



## Overview

This NOS covers the skill and knowledge required for an individual to work according to personal health, safety and environmental protocol at construction site.

**CON/N9001 Work according to personal health, safety and environment protocol at construction site**

National Occupational Standard	<b>Unit Code</b>	CON/N9001
	<b>Unit Title (Task)</b>	Work according to personal health, safety and environment protocol at construction site
	<b>Description</b>	This NOS covers the skill and knowledge required for an individual to work according to personal health, safety and environmental protocol at construction site
	<b>Scope</b>	<p>The scope covers the following:</p> <ul style="list-style-type: none"> <li>• Follow safety norms as defined by organization</li> <li>• Adopt healthy &amp; safe work practices</li> <li>• Implement good housekeeping and environment protection process and activities</li> </ul>
	<b>Performance Criteria (PC) w.r.t. the Scope</b>	
	<b>Element</b>	<b>Performance Criteria</b>
	<b>Follow safety norms as defined by organization</b>	<p>To be competent, the user / individual on the job must be able to:</p> <p>PC1. identify and report any hazards, risks or breaches in site safety to the appropriate authority</p> <p>PC2. follow emergency and evacuation procedures in case of accidents, fires, natural calamities</p> <p>PC3. follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable</p> <p>PC4. participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site</p> <p>PC5. identify near miss , unsafe condition and unsafe act</p>
	<b>Adopt healthy &amp; safe work practices</b>	<p>PC6. use appropriate Personal Protective Equipment (PPE) as per work requirements including:</p> <ul style="list-style-type: none"> <li>• Head Protection (Helmets)</li> <li>• Ear protection</li> <li>• Fall Protection</li> <li>• Foot Protection</li> <li>• Face and Eye Protection,</li> <li>• Hand and Body Protection</li> <li>• Respiratory Protection (if required)</li> </ul> <p>PC7. handle all required tools, tackles , materials &amp; equipment safely</p> <p>PC8. follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines</p> <p>PC9. install and apply properly all safety equipment as instructed</p> <p>PC10. follow safety protocol and practices as laid down by site EHS department</p>

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<p><b>Implement good housekeeping practices</b></p>	<p>PC11. collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes</p> <p>PC12. apply ergonomic principles wherever required</p>
<p><b>Knowledge and Understanding (K)</b></p>	
<p><b>A. Organizational Context</b> (Knowledge of the company / organization and its processes)</p>	<p>The user/individual on the job needs to know and understand:</p> <p>KA1. reporting procedures in cases of breaches or hazards for site safety, accidents, and emergency situations as per guidelines</p> <p>KA2. types of safety hazards at construction sites</p> <p>KA3. basic ergonomic principles as per applicability</p>
<p><b>B. Technical Knowledge</b></p>	<p>The user/individual on the job needs to know and understand:</p> <p>KB1. the procedure for responding to accidents and other emergencies at site</p> <p>KB2. appropriate personal protective equipment to used based on various working conditions</p> <p>KB3. importance of handling tools, equipment and materials as per applicable</p> <p>KB4. health and environments effect of construction materials as per applicability</p> <p>KB5. various environmental protection methods as per applicability</p> <p>KB6. storage of waste including the following at appropriate location:</p> <ul style="list-style-type: none"> <li>• non-combustible scrap material and debris</li> <li>• combustible scrap material and debris</li> <li>• general construction waste and trash (non-toxic, non-hazardous)</li> <li>• any other hazardous wastes</li> <li>• any other flammable wastes</li> </ul> <p>KB7. how to use hazardous material, in a safe and appropriate manner as per applicability</p> <p>KB8. safety relevant to tools, tackles, &amp; requirement as per applicability</p> <p>KB9. housekeeping activities relevant to task</p>
<p><b>Skills (S)</b></p>	
<p><b>A. Core Skills/ Generic Skills</b></p>	<p><b>Writing Skills</b></p>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA1. write in one or more language, preferably in the local language of the site</p> <p>SA2. fill safety formats for near miss, unsafe conditions and safety suggestions</p>
	<p><b>Reading Skills</b></p>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA3. read in one or more language, preferably in the local language of the site</p> <p>SA4. read sign boards, notice boards relevant to safety</p>

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	<b>Oral Communication (Listening and Speaking skills)</b>
	<p>The user/ individual on the job needs to know and understand how to:</p> <p>SA5. speak in one or more language, preferably in one of the local language of the site</p> <p>SA6. listen instructions / communication shared by site EHS and superiors regarding site safety, and conducting tool box talk</p> <p>SA7. communicate reporting of site conditions, hazards, accidents, etc.</p>
<b>B. Professional Skills</b>	<b>Decision Making</b>
	<p>The user/individual on the job needs to know and understand how to:</p> <p>SB1. not create unsafe conditions for others</p> <p>SB2. keep the workplace clean and tidy</p>
	<b>Plan and Organise</b>
	SB3. N.A
	<b>Customer centricity</b>
	SB4. N.A
	<b>Problem solving</b>
	<p>The user/individual on the job needs to know and understand how to:</p> <p>SB5. identify safety risks that affect the health, safety and environment for self and others working in the vicinity, tackle it if within limit or report to appropriate authority</p>
	<b>Analytical Thinking</b>
	<p>The user/individual on the job needs to know and understand how to:</p> <p>SB6. assess and analyze areas which may affect health, safety and environment protocol on the site</p>
<b>Critical Thinking</b>	
<p>The user/individual on the job needs to know and understand how to:</p> <p>SB7. ensure personal safety behavior</p> <p>SB8. respond to emergency</p>	

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## NOS Version Control

<b>NOS Code</b>	CON/N9001		
<b>Credits (NSQF)</b>	TBD	<b>Version number</b>	1.1
<b>Industry</b>	Construction	<b>Drafted on</b>	07/05/2015
<b>Industry Sub-sector</b>	Real Estate and Infrastructure Construction	<b>Last reviewed on</b>	23/05/2015
<b>Occupation</b>	Construction Painting	<b>Next review date</b>	23/05/2017



*Assessment Criteria for Helper Construction Painter*

**CRITERIA FOR ASSESSMENT OF TRAINEES**

<b><u>Job Role</u></b>	Helper Construction Painter
<b><u>Qualification Pack</u></b>	CON/Q0501
<b><u>Sector Skill Council</u></b>	Construction

**Guidelines for Assessment**

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.
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.

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Mark	Out Of	Theory	Skills Practical
CON/N0501: Identify, handle, store & use basic tools, equipments and paints and related painting materials	PC1. identify and select common painting materials used for relevant work such as thinner, turpentine oil, sealing compound, various paints and its additives and caulking putty	<b>100</b>	5	0.5	4.5
	PC2. classify different materials based on their type and usage		5	0.5	4.5



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PC3. identify basic tools used for painting works such as hand tools like rollers, brushes, paint bucket, sponges, dusting brush, tack rags, paint stirrers, strainers, sand paper, masking tape & wall scrappers, measuring tools and power tools	10	1	9
PC4. check for serviceability/safety of tools and equipment and report faults to superiors	5	0.5	4.5
PC5. select and use appropriate hand tools relevant to the task	5	0.5	4.5
PC6. set up and use basic leveling devices like spirit level, water level & straight edge	5	0.5	4.5
PC7. clean and maintain tools prior to and after use	5	0.5	4.5
PC8. maintain safe & clean work space while moving, handling or storing paints materials	5	0.5	4.5
PC9. apply appropriate technique of lifting and shifting to transfer required materials and tools	5	0.5	4.5
PC10. follow standard methods and sequence of loading and unloading of materials such as paints, putty, sealers, varnishes, additives, thinner & turpentine oil	10	1	9
PC11. maintain proper & safe storage, stacking and maintenance of material for easy identification and retrieval	5	0.5	4.5
PC12. apply specific handling and storing technique for hazardous and flow able material like adhesive, admixtures, chemicals, thinners and other painting materials	10	1	9
PC13. carry out handling and storing of material recognizing and utilizing individual effort and team work as per applicability	5	0.5	4.5
PC14. handle waste material correctly and safely in accordance with the environmental and organization policies	5	0.5	4.5
PC15. handle hazardous /inflammable material effectively and safely as per organizational guidelines	5	0.5	4.5
PC16. clear work place of all debris and unwanted materials	5	0.5	4.5

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	PC17. dispose waste material safely in accordance with environmental norms, organizational procedures, manufacturers' guidelines, statutory regulations and instructions		5	0.5	4.5
			<b>100</b>	<b>10</b>	<b>90</b>
CON/N0502: Carry out preparation of all type of basic surfaces for painting works	PC1. visually assess the surface for the type of preparation method required		5	0.5	4.5
	PC2. select and use appropriate materials, tools and equipment for preparing basic surfaces by removing rust, grease, dirt, concrete, and old paint prior to paint application.		20	2	18
	PC3. protect the work and its surrounding area from damage in accordance with organizational procedures/instruction		5	0.5	4.5
	PC4. select appropriate preparation process as per the type of surface such as plastered masonry and RCC surface, metal surface and wood surface		10	1	9
	PC5. carry out surface preparation methods such as washing, stripping/ scarping, abrading & keying, and brushing for various surfaces		20	2	18
	PC6. prepare metal surface by degreasing, solvent wiping and abrading using appropriate tools		10	1	9
	PC7. prepare wood surface by scraping, solvent wiping and abrading using appropriate tools		10	1	9
	PC8. remove existing coating as per requirement/instruction using appropriate methods		10	1	9
	PC9. level and fill all voids and undulations on the surface using appropriate filler for obtaining a flushed finished surface		10	1	9
			<b>100</b>	<b>10</b>	<b>90</b>
CON/N0101:Erect and dismantle temporary scaffold of 3.6meter height	PC1. level area where scaffold need to be erected and check for ground compactness if required	<b>100</b>	10	1	9
	PC2. shift and stack required materials, components, tools and tackles at the instructed location		10	1	9
	PC3. wear and use required safety gadgets and follow trade safety		10	1	9
	PC4. place base plates and sole boards on the ground as per markings and instructions		10	1	9
	PC5. use proper components and follow standard procedure for 3.6 m temporary scaffold erection		10	1	9
	PC6. check verticality of scaffold at first level of erection and correct (if required) before moving to the next level		10	1	9

*Assessment Criteria for Helper Construction Painter*

	PC7. check for rigidity, stability and support of erected scaffold		10	1	9
	PC8. fix walk-boards, guard rails, toe-boards and other components on working platform		10	1	9
	PC9. follow standard procedure for dismantling of 3.6 m temporary scaffold		10	1	9
	PC10. remove guard rails, toe boards, walk boards and other components sequentially		10	1	9
	PC11. clean and stack all components properly after dismantling		10	1	9
	PC12. maintain tidiness at work location		10	1	9
		<b>Total</b>	<b>100</b>	<b>10</b>	<b>90</b>
CON/N9001: Work according to personal health, safety and environment protocol at construction site	PC1. identify and report any hazards, risks or breaches in site safety to the appropriate authority	<b>100</b>	7	2	5
	PC2. follow emergency and evacuation procedures in case of accidents, fires, natural calamities		7	2	5
	PC3. follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable		10	3	7
	PC4. participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site		7	2	5
	PC5. identify near miss , unsafe condition and unsafe act		7	2	5
	PC6. use appropriate Personal Protective Equipment (PPE) as per work requirements including: <ul style="list-style-type: none"> <li>• Head Protection (Helmets)</li> <li>• Ear protection</li> <li>• Fall Protection</li> <li>• Foot Protection</li> <li>• Face and Eye Protection,</li> <li>• Hand and Body Protection</li> <li>• Respiratory Protection (if required)</li> </ul>		10	3	7
	PC7. handle all required tools, tackles , materials & equipment safely		7	2	5
	PC8. follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines		7	2	5
	PC9. install and apply properly all safety equipment as instructed		13	4	9
	PC10. follow safety protocol and practices as laid down by site EHS department		13	4	9
	PC11. collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes		7	2	5



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	PC12.apply ergonomic principles wherever required		7	2	5
		<b>Total</b>	<b>100</b>	<b>30</b>	<b>70</b>