



# Model Curriculum

## Assistant Construction Painter & Decorator

**SECTOR: CONSTRUCTION**  
**SUB-SECTOR: REAL ESTATE AND INFRASTRUCTURE  
CONSTRUCTION**  
**OCCUPATION: CONSTRUCTION PAINTING**  
**REF. ID: CON/Q0502, VERSION 1.1**  
**NSQF LEVEL: 2**



## Certificate

### CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

**CONSTRUCTION SECTOR SKILLS COUNCIL**

for the

### MODEL CURRICULUM

Complying to National Occupational Standards of  
Job Role/ Qualification Pack: 'Assistant Construction Painter & Decorator' QP No. 'CON/Q 0502 NSQF Level 2'

Date of issuance: **December 31st, 2015**

Valid up to: **May 23<sup>rd</sup>, 2017**

\* Valid up to the next review date of the Qualification Pack

  
Authorised Signatory  
(Construction Skill Development Council)



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# Assistant Construction Painter & Decorator

## CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of “Assistant Construction Painter & Decorator”, in the “Construction” Sector/Industry and aims at building the following key competencies amongst the learner

<b>Program Name</b>	<b>Assistant Construction Painter &amp; Decorator</b>		
<b>Qualification Pack Name &amp; Reference ID.</b>	CON/QO502		
<b>Version No.</b>	1.1	<b>Version Update Date</b>	31-12-2015
<b>Pre-requisites to Training</b>	Preferably 5 <sup>th</sup> standard		
<b>Training Outcomes</b>	<p><b>After completing this program, participants will be able to:</b></p> <ul style="list-style-type: none"><li>• <b>Gain insight into Assistant Construction Painter &amp; Decorator job role and its career progression:</b>-Introduction to assistant construction painter &amp; decorator job role, its roles and responsibilities and its career progression.</li><li>• <b>Carry out preparation of all type of basic surface for painting works:</b> - Different type of putties and paints, methods of mixing &amp; different methods of application, Process of preparation of surface for painting.</li><li>• <b>Erect &amp; Dismantle 3.6 meter of temporary scaffold:</b> - Standard procedure for erection &amp; dismantle of 3.6-meter temporary scaffold.</li><li>• <b>Apply paints to masonry, metal and wood surfaces for obtaining plain finishes:</b> - Preparation of paint mix and its application as per the type of surface.</li><li>• <b>Carry out varnishing and polishing of doors, windows partitions and other wooden surfaces:</b> - Knowledge of different type of polishes and varnishes and their application on different surfaces.</li><li>• <b>Work effectively in a team to deliver desired results at the workplace:</b> - Introduction to team working and effective communication procedures to be followed at construction sites</li><li>• <b>Work According to personal Health, Safety &amp; Environment:</b> -Importance of health &amp; safety aspect and measures to be followed at work site.</li></ul>		

This course encompasses 6 out of 6 National Occupational Standards (NOS) of “Assistant Construction Painter & Decorator” Qualification Pack issued by “Construction Skill Development Council of India”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p><b>Introduction to job role</b></p> <p><b>Theory Duration</b> (hh:mm) 08:00</p> <p><b>Practical Duration</b> (hh:mm) 00:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>• General Discipline in the class room.</li> <li>• Basic knowledge of Unit &amp; measurement &amp; arithmetic calculation.</li> <li>• Basic terms used and types of Painting works.</li> <li>• Role of Assistant painters in construction industry &amp; their career progression</li> </ul>	<ol style="list-style-type: none"> <li>1. Classroom having seating requirement for 30 people.</li> <li>2. Projector</li> <li>3. Toilet/Urinals (Separate for gents and Ladies)</li> <li>4. Blackboard</li> </ol>
2	<p><b>Carry out Preparation of all type of basic surface for painting works</b></p> <p><b>Theory Duration</b> (hh:mm) 12:00</p> <p><b>Practical Duration</b> (hh:mm) 50:00</p> <p><b>Corresponding NOS Code</b> CON/N0502</p>	<p><b>THEORY: -</b></p> <ul style="list-style-type: none"> <li>• Knowledge of different types of materials, abrasives, cleaning agents required for surface preparation.</li> <li>• Different types of tool required for surface preparation.</li> <li>• Methodology for preparation of different surfaces like masonry, RCC, wood and metal by wet and dry abrading, degreasing, knotting, priming, filling, rust removal of paint system and removal of wall coverings.</li> <li>• Knowledge of filler materials</li> <li>• Knowledge of ratio mix proportions &amp; painting material used in preparation of surfaces.</li> </ul> <p><b>Demonstration/Practical: -</b></p> <ul style="list-style-type: none"> <li>• Visual assessment and analysis of surface preparation method required.</li> <li>• Selection and use of appropriate material, tools and equipment for preparing the basic surface.</li> <li>• Remove existing coating using appropriate methods from masonry, wood and metallic surfaces.</li> <li>• prepare wood surface by scraping, solvent wiping and abrading using appropriate tools</li> <li>• Carry out surface preparation by washing, stripping, scarping, abrading, keying and brushing/ brooming.</li> <li>• Prepare prime for application as base coat.</li> <li>• Apply prime coat by brush or spray.</li> <li>• Finish surface by filling, leveling, flattening, scaling</li> </ul>	<ol style="list-style-type: none"> <li>1. Work shop for practical assessment</li> <li>2. Toilet/Urinals (Separate for gents and Ladies)</li> <li>3. Tool box with lock and key</li> <li>4. Measuring tape/rule,</li> <li>5. Ladder</li> <li>6. Water level tube</li> <li>7. Spirit level</li> <li>8. Plumb bob</li> <li>9. Rollers</li> <li>10. Brushes</li> <li>11. paint bucket</li> <li>12. sponges</li> <li>13. dusting brush</li> <li>14. tack rags</li> <li>15. paint stirrers</li> <li>16. sand paper</li> <li>17. masking tape</li> <li>18. wall scrappers</li> <li>19. scraper,</li> <li>20. putty knife</li> <li>21. chisel knife</li> <li>22. knotting brush</li> <li>23. nail punch,</li> <li>24. Hammer</li> <li>25. dusting brush</li> <li>26. dust masks</li> <li>27. wire brushes</li> <li>28. goggles</li> <li>29. filling knife</li> <li>30. filling board</li> </ol> <p><b>PPE'S</b></p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			<ol style="list-style-type: none"> <li>1. Safety helmets</li> <li>2. Hand gloves</li> <li>3. Safety shoes</li> <li>4. Safety harness</li> <li>5. Nose mask</li> </ol>
3	<p><b>Erect and dismantle temporary scaffold of 3.6 meter height</b></p> <p><b>Theory Duration</b> (hh:mm) 12:00</p> <p><b>Practical Duration</b> (hh:mm) 36:00</p> <p><b>Corresponding NOS Code</b> CON/N0101</p>	<p><b>Theory: -</b></p> <ul style="list-style-type: none"> <li>• What is scaffolding and its purpose of its erection</li> <li>• Common materials and tools used for erection of scaffolding (pipe, cup lock (vertical and ledgers), H-frames, Bamboo &amp; Bali</li> <li>• Characteristics of ideal base of scaffolding and its preparation</li> <li>• Visual checks to be carried out on the scaffolding components to ascertain their usability</li> <li>• Different components of a temporary scaffolding such as base, toe board, guard rails, platform, walkways, ladder etc., their function and placing</li> <li>• Spacing/ height to be provided among different components of a temporary scaffold</li> <li>• Safety measures to be followed while tightening, fixing/ assembling different part of scaffold together</li> <li>• Function of different hand tools like hammer, spanner, pulleys, hooks, ropes etc. used for erection/ dismantling of scaffolds.</li> <li>• Use of different scaffolding accessories like different kind of clamps, washers, props, bracings and other supporting members</li> <li>• Standard method of erecting &amp; dismantling 3.6 m temporary scaffold.</li> <li>• Material handling and shifting methods while scaffolding erection/ dismantling is under process</li> <li>• Standard safety procedure while working at height.</li> <li>• Checks to be done on completion of erection of scaffolds, such as verticality check, stability check</li> </ul> <p><b>Demonstration/ practical: -</b></p> <ul style="list-style-type: none"> <li>• Sort and shift scaffolding material from stock yard to space of erection</li> <li>• Clean the area of the scaffolding and prepare the base</li> <li>• Erect scaffolds of 3.6 mtr. height using pipes and cup locks using appropriate hand tools</li> <li>• Use clamp and other supporting members to ensure stability and verticality of the scaffolds</li> <li>• Place different components of scaffolds such as base plate, vertical/ horizontal members, toe boards, guard rails, platforms/ walkways, ladder etc. as per standard practice</li> </ul>	<p><b>Hand tools</b></p> <ol style="list-style-type: none"> <li>1. Hammer</li> <li>2. Spanner (set)</li> <li>3. Wrench</li> <li>4. Pulley</li> <li>5. Rope</li> <li>6. Nuts and bolts</li> <li>7. Measuring tape</li> <li>8. Spirit level</li> <li>9. Plumb-bob</li> <li>10. Mason's line</li> </ol> <p><b>Materials</b></p> <ol style="list-style-type: none"> <li>1. Cup-lock scaffolding components (set)</li> <li>2. 40 NB pipes</li> <li>3. Swivel coupler</li> <li>4. Fixed clamp</li> <li>5. Steel walers</li> <li>6. Steel walkways</li> <li>7. Aluminium/ GI ladder</li> <li>8. Safety net</li> </ol> <p><b>PPEs &amp; safety equipment's</b></p> <ol style="list-style-type: none"> <li>1. Helmet</li> <li>2. Safety shoes</li> <li>3. Safety belt</li> <li>4. Cotton hand gloves</li> <li>5. Goggles</li> <li>6. Reflective jackets</li> <li>7. Safety message boards</li> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>Use PPEs as per necessity of the task</li> <li>Dismantle the whole scaffold and stack their components as per standard practice</li> </ul>	
4.	<p><b>Apply paints to masonry, metal and wood surfaces for obtaining plain finishes</b></p> <p><b>Theory Duration</b> (hh:mm) 18:00</p> <p><b>Practical Duration</b> (hh:mm) 70:00</p> <p><b>Corresponding NOS Code</b> CON/N0503</p>	<p><b>Theory: -</b></p> <ul style="list-style-type: none"> <li>Knowledge of different type of painting &amp; finishing material and mixing ingredients including tools such as brushes, rollers, stirrers, scrappers etc.</li> <li>Knowledge of basic measurements, sketches/ specifications related to painting works.</li> <li>Knowledge of standard method of painting internal and external surfaces.</li> <li>Knowledge of different type of surfaces and their required finish.</li> <li>Knowledge of quality of paint and its base type.</li> <li>Knowledge of ratio and proportion of paint and painting material used.</li> </ul> <p><b>Demonstration/Practical: -</b></p> <ul style="list-style-type: none"> <li>Description of tools, equipment used for mixing &amp; applying paint</li> <li>Application of different type of paint to various surfaces</li> <li>Filling of gaps and depressions on the surface for a flushed surface.</li> <li>Demonstrate skills of mixing, pouring, diluting, storing for paints and painting material.</li> <li>Effective application of paints using brush &amp; roller.</li> <li>Minimize wastage and optimize use of material</li> </ul>	<ol style="list-style-type: none"> <li>Work shop for practical assessment</li> <li>Toilet/Urinals (Separate for gents and Ladies)</li> <li>Tool box with lock and key</li> <li>Measuring tape/rule,</li> <li>Ladder</li> <li>Measuring tape</li> <li>Scale</li> <li>Square</li> <li>Water level tube</li> <li>Spirit level</li> <li>Plumb bob</li> <li>Rollers</li> <li>Brushes</li> <li>paint bucket</li> <li>sponges</li> <li>dusting brush</li> <li>tack rags</li> <li>paint stirrers</li> <li>sand paper</li> <li>masking tape</li> <li>wall scrappers</li> <li>scraper,</li> <li>putty knife</li> <li>chisel knife</li> <li>knottting brush</li> <li>nail punch,</li> <li>Hammer</li> <li>dusting brush</li> <li>dust masks</li> <li>wire brushes</li> <li>goggles</li> <li>filling knife</li> <li>filling board</li> <li>Painting edger</li> </ol> <p><b>PPE'S</b></p> <ol style="list-style-type: none"> <li>Safety helmets</li> <li>Hand gloves</li> <li>Safety shoes</li> <li>Safety harness</li> <li>Nose mask</li> </ol>
5.	<p><b>Carry out varnishing and polishing of doors, window partitions and</b></p>	<p><b>Theory: -</b></p> <ul style="list-style-type: none"> <li>Classification of different types of tools and equipment required for varnishing and polishing.</li> <li>Knowledge of surface preparation methods.</li> </ul>	<ol style="list-style-type: none"> <li>Work shop for practical assessment</li> <li>Toilet/Urinals (Separate for gents and Ladies)</li> <li>Tool box with lock and key</li> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p><b>other wooden surfaces under supervision</b></p> <p><b>Theory Duration</b> (hh:mm) 12:00</p> <p><b>Practical Duration</b> (hh:mm) 52:00</p> <p><b>Corresponding NOS Code</b> CON/N0504</p>	<ul style="list-style-type: none"> <li>• Knowledge of methodology involved in different types of varnishing and polishing of doors, window partitions and other wooden surfaces.</li> <li>• Knowledge of basic sketches/ specifications related to painting works.</li> <li>• Knowledge of different type of polishes and their bases</li> <li>• Knowledge of different type of pigment &amp; admixtures.</li> </ul> <p><b>Demonstration/Practical: -</b></p> <ul style="list-style-type: none"> <li>• Classify different types of tools and equipment required for varnishing and polishing.</li> <li>• Select appropriate finishing ingredients such as paint, stain, lacquer, shellac, or varnish.</li> <li>• Standard procedures for mixing, diluting and making of varnish &amp; polish.</li> <li>• Identify, select and use right pigment &amp; admixtures.</li> <li>• Proper sanding for preparation of surface</li> <li>• apply of primer coat, and varnishing as per specification method</li> </ul>	<ol style="list-style-type: none"> <li>4. Measuring tape/rule,</li> <li>5. Ladder</li> <li>6. Measuring tape</li> <li>7. Scale</li> <li>8. Square</li> <li>9. Water level tube</li> <li>10. Spirit level</li> <li>11. Plumb bob</li> <li>12. Rollers</li> <li>13. Brushes</li> <li>14. paint bucket</li> <li>15. sponges</li> <li>16. dusting brush</li> <li>17. tack rags</li> <li>18. paint stirrers</li> <li>19. sand paper</li> <li>20. masking tape</li> <li>21. wall scrappers</li> <li>22. scraper,</li> <li>23. putty knife</li> <li>24. chisel knife</li> <li>25. knotting brush</li> <li>26. nail punch,</li> <li>27. Hammer</li> <li>28. dusting brush</li> <li>29. dust masks</li> <li>30. wire brushes</li> <li>31. goggles</li> <li>32. filling knife</li> <li>33. filling board</li> <li>34. Painting edger</li> </ol> <p><b>PPE'S</b></p> <ol style="list-style-type: none"> <li>1. Safety helmets</li> <li>2. Hand gloves</li> <li>3. Safety shoes</li> <li>4. Safety harness</li> <li>5. Nose mask</li> </ol>
6.	<p><b>Work effectively in a team to deliver desired results at the work place</b></p> <p><b>Theory Duration</b> (hh:mm) 06:00</p> <p><b>Practical</b></p>	<p><b>Theory: -</b></p> <ul style="list-style-type: none"> <li>• Method of oral and written communication skills with co-workers, trade seniors while handling and carrying out visual checks on materials, tools and equipment.</li> <li>• Reading and interpretation of work sketches</li> <li>• How to interpret scope of painting, material/ tools handling by an adhering to instructions or consulting with seniors</li> <li>• Method of providing instruction to subordinates or reporting to seniors clearly and promptly</li> </ul>	<ol style="list-style-type: none"> <li>1. Classroom having seating requirement for 30 people.</li> <li>2. Projector</li> <li>3. Toilet/Urinals (Separate for gents and Ladies)</li> <li>4. Blackboard</li> </ol>



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p><b>Duration</b> (hh:mm) 26:00</p> <p><b>Corresponding NOS Code</b> CON/N8001</p>	<ul style="list-style-type: none"> <li>Seek necessary support and complete assigned tasks within stipulated time duration</li> <li>Keep good relation and maintain well behavior with co-workers</li> </ul> <p><b>monstration/ Practical (D/P): -</b> The skills will be developed and practiced while carrying out following trade related activities in a predictable and familiar working condition</p> <ul style="list-style-type: none"> <li>Selection of materials, tools or devices for defined purpose</li> <li>Removal or abrasion of old surface.</li> <li>Mixing of paints in required proportion.</li> <li>Surface preparation for different tasks.</li> <li>Application of coats efficiently.</li> </ul>	
7.	<p><b>Work according to Health, Safety and Environment</b></p> <p><b>Theory Duration</b> (hh:mm) 12:00</p> <p><b>Practical Duration</b> (hh:mm) 36:00</p> <p><b>Corresponding NOS Code</b> CON/N9001</p>	<p><b>Theory: -</b></p> <ul style="list-style-type: none"> <li>Types of hazards involved in construction sites</li> <li>Types of hazards involved in painting works.</li> <li>Emergency safety control measures and actions to be taken under emergency situation</li> <li>Concept of: -               <ol style="list-style-type: none"> <li>First Aid process</li> <li>Use of fire extinguisher</li> <li>Classification of fires and fire extinguisher</li> <li>Safety drills</li> <li>Types and use of PPEs as per safety norms</li> </ol> </li> <li>Reporting procedure to the concerned authority in emergency situations</li> <li>Standard procedure of handling, storing and stacking material.</li> <li>What is safe disposal of waste, type of waste and their disposal</li> <li>Importance of handling tools, equipment and materials as per applicable.</li> <li>Safety relevant to tools, tackles, &amp; requirement as per applicability.</li> <li>basic ergonomic principles as per applicability</li> </ul> <p><b>Demonstration/ Practical (D/P): -</b> The skills will be developed and practiced while carrying out following trade related activities in a predictable and familiar working condition.</p> <ul style="list-style-type: none"> <li>Selection of PPEs and use them appropriately as per working need of painting operations, handling, storing, stacking and shifting of, painting tools and equipments</li> </ul>	<ol style="list-style-type: none"> <li>Safety Helmets</li> <li>Face shield</li> <li>Overalls</li> <li>Knee pads</li> <li>Safety shoes</li> <li>Safety belts</li> <li>Safety harness</li> <li>Safety Gloves</li> <li>Safety goggles</li> <li>Particle masks</li> <li>Ear Plugs</li> <li>Reflective jackets</li> <li>Fire Extinguisher</li> <li>Fire prevention kit</li> <li>First Aid box</li> <li>Safety tags</li> <li>Safety Notice board</li> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>• Selection of PPEs and use them appropriately as per painting works need.</li> <li>• Analysis of hazards involved in painting works and taking necessary steps or informing to seniors.</li> <li>• Identification of locations, situations/ circumstances, malpractices which can be hazardous for general or painting works</li> <li>• Selection of fire extinguisher based on classification of fire, standard practice of storing &amp; stacking firefighting equipment/ materials at work locations</li> <li>• Disposal of waste materials as per their nature and effects on weather</li> </ul>	
	<p><b>Total Duration: 350 Hrs.</b></p> <p><b>Theory Duration 80Hrs.</b></p> <p><b>Practical Duration 270Hrs.</b></p>	<p><b>Unique Equipment Required:</b>            Classroom having seating requirement for 30 people, Toilet/Urinals (Separate for gents and Ladies), Projector, Blackboard, Work shop for practical assessment, Tool box with lock and key, measuring tape/rule, ladder, Rollers ,Brushes, paint bucket, sponges, dusting brush, tack rags, paint stirrers, sand paper, masking tape, wall scrappers, scraper, putty knife, chisel knife, knotting brush, nail punch, Hammer, dusting brush, dust masks, wire brushes, goggles, filling knife, filling board, Spray Gun, Painting edger, water level pipe, plumb bob, spirit level, Safety Helmets, Face shield, Overalls, Knee pads, Safety shoes, Safety belts, Safety harness, Safety Gloves, Safety goggles, Particle masks, Ear Plugs, Reflective jackets, Fire Extinguisher, Fire prevention kit, First Aid box, Safety tags, Safety Notice board, Hammer, Spanner (set), Wrench, Pulley, Rope, Nuts and bolts</p>	18.

**Grand Total Course Duration: 350 Hours 00 Minutes**

*(This syllabus/ curriculum has been approved by Construction Skill Development Council of India)*



## Trainer Prerequisites for Job role: " Helper Construction Painter " mapped to Qualification Pack: "CON/Q0502"

Sr. No.	Area	Details
1	<b>Job Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack " <u>CON/Q0502</u> ".
2	<b>Personal Attributes</b>	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organized and focused, eager to learn and keep oneself updated with the latest in the mentioned field
3	<b>Minimum Educational Qualifications</b>	10 <sup>th</sup> standard or equivalent standard in literacy and numeracy
4a	<b>Domain Certification</b>	Certified for Job Role: "Construction Painter and Decorator" mapped to QP: " <u>CON/Q0503</u> ". Minimum accepted % as per respective SSC guidelines is 50%.
4b	<b>Platform Certification</b>	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "SSC/Q1402". Minimum accepted % as per respective SSC guidelines is 70%.
5	<b>Experience</b>	i. Technical Degree holder with minimum Five years of Field & Two years of teaching experience (At least one year each at workers and Engineers level) or, ii. In case of a Diploma Holder Ten years of field & five years of teaching experience (Three years at workers level and two years at Engineers level) having Total experience to 15 yrs. or, iii. In case of specific to trades than should have qualified the Minimum Level- 4 and have Fifteen year of field experience and Three years of Teaching experience or, iv. Graduate or Intermediate should possess at least Level – 4 Certificate and have 12 years of field experience and two years of trade teaching experience



## Annexure: Assessment Criteria

### Assessment Criteria for Assistant Construction Painter & Decorator

<b>Job Role</b>	<b>Assistant Construction Painter &amp; Decorator</b>
<b>Qualification Pack</b>	<b>CON/Q0502</b>
<b>Sector Skill Council</b>	<b>Construction</b>

<b>Sr. No.</b>	<b>Guidelines for Assessment</b>
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 time frame 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 Marks	Out Of	Theory	Skills Practical
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	100	5	1	4
	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.		10	2	8
	PC3. protect the work and its surrounding area from damage in accordance with organizational procedures/instruction		10	2	8
	PC4. select appropriate preparation process as per the type of surface such as plastered masonry and RCC surface, metal surface and wood surface		15	3	12
	PC5. carry out surface preparation methods such as washing, stripping/ scarping, abrading & keying, and brushing for various surfaces		10	2	8
	PC6. prepare metal surface by degreasing, solvent wiping and abrading using appropriate tools		15	3	12
	PC7. prepare wood surface by scraping, solvent wiping and abrading using appropriate tools		15	3	12
	PC8. remove existing coating as per requirement/instruction using appropriate methods		10	2	8
	PC9. level and fill all voids and undulations on the surface using appropriate filler for obtaining a flushed finished surface		10	2	8
	Total	100	20	80	
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	100	10	2	8
	PC2. shift and stack required materials, components, tools and tackles at the instructed location		10	2	8
	PC3. wear and use required safety gadgets and follow trade safety		10	2	8
	PC4. place base plates and sole boards on the ground as per markings and instructions		10	2	8
	PC5. use proper components and follow standard procedure for 3.6 m temporary scaffold erection		10	2	8
	PC6. check verticality of scaffold at first level of erection and correct (if required) before moving to the next level		10	2	8
	PC7. check for rigidity, stability and support of erected scaffold		5	1	4
	PC8. fix walk-boards, guard rails, toe-boards and other components on working platform		10	2	8

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Marks	Out Of	Theory	Skills Practical
	PC9. follow standard procedure for dismantling of 3.6 m temporary scaffold		10	2	8
	PC10. remove guard rails, toe boards, walk boards and other components sequentially		5	1	4
	PC11. clean and stack all components properly after dismantling		5	1	4
	PC12. maintain tidiness at work location		5	1	4
		Total	100	20	80
CON/ N0503: Apply paints to masonry, metal and wood surfaces for obtaining plain finishes	PC1. carry out surface measurements and roughly estimate the quantity of required materials under supervision	100	10	2	8
	PC2. ensure surface is free from dust, dirt and grease and is prepared appropriately prior to application of paints		5	1	4
	PC3. apply putty to fill gaps and depressions on the surface for preparation of a leveled surface		10	2	8
	PC4. cover the adjacent surfaces with drop cloths/ masking tape/paper and remove all removable items prior to painting		5	1	4
	PC5. select appropriate painting material ,tools and mixing ingredients as per requirement /specified finish under supervision		10	2	8
	PC6. carry put proper cleaning ,maintenance and upkeep of painting tools and equipment before and after use		5	1	4
	PC7. mix the correct amount of paint material with additives as per specified ratio		5	1	4
	PC8. follow standard procedure/ specification for effective mixing and dilution of paints under supervision		5	1	4
	PC9. Add reducer/thinner/ water to adjust viscosity of paint mix as per requirement/instructions		5	1	4
	PC10. Apply primer coats to the finished/leveled surfaces as per instructions		10	2	8
	PC11. Apply main coat of paint over primer within specified time limits under supervision		10	2	8
	PC12. Apply final coat as per required tint under supervision		10	2	8
	PC13. clean the surface of each dried coat appropriately as per instructions before application of the next coat		5	1	4
	PC14. assist in applying the final tinted coat under supervision		5	1	4
		Total	100	20	80

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Marks	Out Of	Theory	Skills Practical
CON/ N0504: Carry out varnishing and polishing of doors, windows partitions and other wooden surfaces under supervision	PC1. remove all loose & detrimental foreign matter by using appropriate tools	100	5	1	4
	PC2. brush bleaching agents on wood surface to restore natural color as per instruction		5	1	4
	PC3. fill gaps/depressions with appropriate wood filler		5	1	4
	PC4. smooth, shape, and touch-up surface using sandpaper, pumice stones, steel wool, chisels, sanders, or grinders		10	2	8
	PC5. cover all adjacent surfaces with drop cloths/ masking tape/paper and remove all removable items/accessories prior to varnishing and polishing		5	1	4
	PC6. select appropriate finishing ingredients such as paint, stain, lacquer, shellac, or varnish as per specification/instructions		10	2	8
	PC7. mix the correct amount of paint material with additives as per specified ratio under supervision		10	2	8
	PC8. follow standard procedure for effective mixing and dilution of paints		5	1	4
	PC9. add reducer/thinner/ water to adjust viscosity of paint mix as per requirement/instruction		5	1	4
	PC10. apply a primer coat to the wood surface as per instruction		5	1	4
	PC11. apply paint /varnish coat of specified thickness after the primer has dried for specified time under close supervision		10	2	8
	PC12. carry out sanding of the surface using appropriate tools as per instructions under supervision apply coat of putty/wood filler wood and sand the applied coat as per instructions		10	2	8
	PC13. apply finished coats to produce smooth surfaces of uniform thickness as per instructions under supervision		10	2	8
	PC14. apply toners, highlights, glazes or shades ,lacquers and sealers as per instructions under supervision		5	1	4
	Total	100	20	80	
CON/N8001: Work effectively in a team to deliver desired results at the workplace	PC1. pass on work related information/ requirement clearly to the team members	100	7	2	5
	PC2. inform co-workers and superiors about any kind of deviations from work		7	2	5
	PC3. address the problems effectively and report if required to immediate supervisor appropriately		10	3	7
	PC4. receive instructions clearly from superiors and respond effectively on the same		7	2	5

Assessment outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Marks	Out Of	Theory	Skills Practical
	PC5. communicate to team members/subordinates for appropriate work technique and method		10	3	7
	PC6. seek clarification and advice as per the requirement and applicability		7	2	5
	PC7. hand over the required material, tools tackles, equipment and work fronts timely to interfacing teams		27	8	19
	PC8. work together with co-workers in a synchronized manner		27	8	19
		Total	100	30	70
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	100	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: • Head Protection (Helmets) • Ear protection • Fall Protection • Foot Protection • Face and Eye Protection, • Hand and Body Protection • Respiratory Protection (if required)		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
	PC12.apply ergonomic principles wherever required		7	2	5
		Total	100	30	70





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