







Model Curriculum

Helper Construction Painter

SECTOR: CONSTRUCTION

SUB-SECTOR: REAL ESTATE AND INFRASTRUCTURE

CONSTRUCTION

OCCUPATION: CONSTRUCTION PAINTING

REF. ID: CON/Q0501, VERSION 1.1

NSQF LEVEL: 1















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: 'Helper Construction Painter' QP No. 'CON/ Q 0501 NSQF Level 1'

Date of Issuance:

January 8th, 2015

Valid up to:

May 23rd, 2017

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

Authorised Signatory (Construction Skill Development Council)









TABLE OF CONTENTS

| 1. | Curriculum | 01 |
|----|-------------------------------|----|
| 2. | Trainer Prerequisites | 07 |
| 3. | Annexure: Assessment Criteria | 08 |









CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of "Helper Construction Painter", in the "Construction" Sector/Industry and aims at building the following key competencies amongst the learner

| Program Name | Helper Construction Painter | | | | |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Qualification Pack Name & Reference ID. | CON/QO501 | | | | |
| Version No. | 1.1 Version Update Date 08-01-2016 | | | | |
| Pre-requisites to Training | Preferably 5 th standard | | | | |
| Training Outcomes | After completing this program, participants will be able to: Gain insight into Helper Construction Painter job role and its career progression:-Introduction to helper painter job role, its roles and responsibilities and its career progression. Identify, handle, store & use basic tools, equipment & paints & related painting materials: - Selection, handling and use of Tools & Equipment used in painting and their specifications. Standard procedures for efficient loading, unloading, shifting and stacking of materials. Carry out preparation of all type of basic surface for painting works: - Process of preparation of different surfaces for painting Erect & Dismantle 3.6 meter of temporary scaffold: - Standard procedure for erection & dismantle of 3.6-meter temporary scaffold. Health, Safety & Environment:-Importance of health & safety aspect and measures to be followed at work site. | | | | |









This course encompasses 4 out of 4 National Occupational Standards (NOS) of "Helper Construction Painter" Qualification Pack issued by "Construction Skill Development Council of India".

| Sr. No. | lo. Module Key Learning Outcomes | | Equipment | |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | Required | |
| 1 | Introduction to job role Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 00:00 Corresponding NOS | General Discipline in the class room. Basic knowledge of Unit & measurement & arithmetic calculation. Basic terms used and types of Painting works. Role of helper painters in construction industry & their career progression | Classroom having seating requirement for 30 people. Projector Toilet/Urinals (Separate for gents and Ladies) Blackboard | |
| | Code | | 4 W. L. L. C | |
| 2 | Identify, handle, store & use basic tools, equipment and paints and related painting materials Theory Duration (hh:mm) 16:00 Practical Duration (hh:mm) 80:00 Corresponding NOS Code CON/N0501 | Theory: - Knowledge of standard size and type of different painting tools and their and care and maintenance Knowledge of basic Painter's equipment such as ladder, step scaffolding, trestle, buckets etc. Basic terminology used in painting, tools & their uses. basic leveling devices like plumb bob, spirit level, water level & straight edge their setting and use classification and use of painting materials as per the application and compositions Knowledge of indent procedure and its importance. Safety rules and regulations for handling and storing required painting tools, equipment and materials. various techniques / procedures for basic material handling and storage how to select and use appropriate tools and equipment' used for handling various materials (including flow able, heavy and hazardous materials) Process of handling and stacking of hazardous materials based on its inflammable nature. Knowledge of selecting and using appropriate tools and equipment used for handling various materials (including flow able, heavy and hazardous materials) Importance of arranging and shifting of construction material on the construction site safely and effectively. Method and height up to which each material should be stacked as per the nature, size and shape of material and the space available. how to use conveyance equipment for movement of | Work shop for practical assessment Toilet/Urinals (Separate for gents and Ladies) Tool box with lock and key Measuring tape/rule, Ladder Step scaffolding Trestle Water level Plumb bob Rollers Brushes paint bucket sponges dusting brush tack rags paint stirrers sand paper masking tape wall scrappers scraper, putty knife chisel knife knotting brush haail punch, Hammer dusting brush dusting brush dusting brush | |









| Sr. No. | Module | Key Learning Outcomes | Equipment Required |
|---------|-------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------|
| | | materials | Required 29. wire brushes |
| | | dispose waste material safely in accordance with | 30. goggles |
| | | · · · · · · · · · · · · · · · · · · · | 31. filling knife |
| | | environmental norms, organizational procedures, | 32. filling board |
| | | manufacturers' guidelines, statutory regulations and | |
| | | instructions | PPE'S |
| | | Danie a stantia a /Bus ati sale | Safety helmets |
| | | Demonstration/Practical: - | 2. Hand gloves |
| | | Right selection and use of manual tools as per | 3. Safety shoes |
| | | application | Safety harness Nose mask |
| | | Level transferring using basic leveling devices. | 5. NOSE Mask |
| | | Description, use, care of paints and painting material | |
| | | Description, use, care and maintenance of brushes of | |
| | | various sizes, rollers, diamond glazier, stopping knife, | |
| | | scrapers, pallet knife, chisel knife, shave hook, plumb | |
| | | line, lining tool, rule file etc. | |
| | | Safe handling, upkeep of tools and equipment. | |
| | | Demonstrate safe method of loading and unloading | |
| | | of paint and related materials. | |
| | | Demonstrate safe handling and stacking of materials | |
| | | based on hazardous, flow able nature and physical | |
| | | properties | |
| | | Demonstrate safe handling technique followed while | |
| | | transferring fluid materials like chemicals, turpentine | |
| | | oil, spirit etc. at the workplace. | |
| | | Demonstrate safety regulations followed during | |
| | | loading, unloading, lifting and shifting materials. | |
| | | Returning surplus material to the store as per | |
| | | | |
| | | company norms. | |
| | | Maintain safe & clean workspace while moving and storing materials. | |
| 2 | Common t Day of | storing materials. | 1 \\/ |
| 3 | Carry out Preparation | THEORY: - | 1. Work shop for |
| | of all type of basic surface for painting | Knowledge of different types of materials, abrasives, | practical assessment |
| | works | cleaning agents required for surface preparation. | 2. Toilet/Urinals |
| | | Different types of tool required for surface | (Separate for |
| | Theory Duration | preparation. | gents and |
| | (hh:mm) | Methodology for preparation of different surfaces like | Ladies) |
| | 20:00 | masonry, RCC, wood and metal by wet and dry | 3. Tool box with |
| | | abrading, degreasing, knotting, priming, filling, rust | lock and key |
| | Practical Duration | removal of paint system and removal of wall | 4. Measuring |
| | (hh:mm) | coverings. | tape/rule, 5. Ladder |
| | 80:00 | Knowledge of filler materials | 6. Water level |
| | Corresponding NOS | Knowledge of ratio mix proportions & painting | tube |
| | Code | material used in preparation of surfaces. | 7. Spirit level |
| | CON/N0502 | | 8. Plumb bob |
| | | <u>Demonstration/Practical</u> : - | 9. Rollers |
| | | | 10. Brushes |









| Sr. No. | Module | Key Learning Outcomes | Equipment | | |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 5111101 | Module | ney rearring outcomes | Required | | |
| | | Visual assessment and analysis of surface preparation method required. Selection and use of appropriate material, tools and equipment for preparing the basic surface. Remove existing coating using appropriate methods from masonry, wood and metallic surfaces. prepare wood surface by scraping, solvent wiping and abrading using appropriate tools Carry out surface preparation by washing, stripping, scarping, abrading, keying and brushing/ brooming. Prepare prime for application as base coat. Apply prime coat by brush or spray. Finish surface by filling, leveling, flattening, scaling | 11. paint bucket 12. sponges 13. dusting brush 14. tack rags 15. paint stirrers 16. sand paper 17. masking tape 18. wall scrappers 19. scraper, 20. putty knife 21. chisel knife 22. knotting brush 23. nail punch, 24. Hammer 25. dusting brush 26. dust masks 27. wire brushes 28. goggles 29. filling knife 30. filling board PPE'S 1. Safety helmets 2. Hand gloves 3. Safety shoes 4. Safety harness 5. Nose mask | | |
| 4 | Erect and dismantle temporary scaffold of 3.6 meter height Theory Duration (hh:mm) 12:00 Practical Duration (hh:mm) 36:00 Corresponding NOS Code CON/N0101 | Theory: - What is scaffolding and its purpose of its erection Common materials and tools used for erection of scaffolding (pipe, cup lock (vertical and ledgers), H-frames, Bamboo & Bali Characteristics of ideal base of scaffolding and its preparation Visual checks to be carried out on the scaffolding components to ascertain their usability Different components of a temporary scaffolding such as base, toe board, guard rails, platform, walkways, ladder etc., their function and placing Spacing/ height to be provided among different components of a temporary scaffold Safety measures to be followed while tightening, fixing/ assembling different part of scaffold together Function of different hand tools like hammer, spanner, pulleys, hooks, ropes etc. used for erection/ dismantling of scaffolds. Use of different scaffolding accessories like different kind of clamps, washers, props, bracings and other supporting members Standard method of erecting & dismantling 3.6 m | Hand tools 1. Hammer 2. Spanner (set) 3. Wrench 4. Pulley 5. Rope 6. Nuts and bolts 7. Measuring tape 8. Spirit level 9. Plumb-bob 10. Mason's line Materials 1. Cup-lock scaffolding components (set) 2. 40 NB pipes 3. Swivel coupler 4. Fixed clamp 5. Steel walers 6. Steel walkways 7. Aluminum/ Gl ladder 8. Safety net | | |









| Sr. No. | Module | Key Learning Outcomes | Equipment Required |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | temporary scaffold. Material handling and shifting methods while scaffolding erection/ dismantling is under process Standard safety procedure while working at height. Checks to be done on completion of erection of scaffolds, such as verticality check, stability check Demonstration/ practical: - Sort and shift scaffolding material from stock yard to space of erection Clean the area of the scaffolding and prepare the base Erect scaffolds of 3.6 mtr. height using pipes and cup locks using appropriate hand tools Use clamp and other supporting members to ensure stability and verticality of the scaffolds Place different components of scaffolds such as base plate, vertical/ horizontal members, toe boards, guard rails, platforms/ walkways, ladder etc. as per standard practice Use PPEs as per necessity of the task Dismantle the whole scaffold and stack their components as per standard practice | equipment's 1. Helmet 2. Safety shoes 3. Safety belt 4. Cotton hand gloves 5. Goggles 6. Reflective jackets 7. Safety message boards |
| 5 | Work according to Health, Safety and Environment Theory Duration (hh:mm) 12:00 Practical Duration (hh:mm) 36:00 Corresponding NOS Code CON/N9001 | Theory: - Types of hazards involved in construction sites Types of hazards involved in painting works. Emergency safety control measures and actions to be taken under emergency situation Concept of: - First Aid process Use of fire extinguisher Classification of fires and fire extinguisher Safety drills Types and use of PPEs as per general and electrical safety norms Reporting procedure to the concerned authority in emergency situations Standard procedure of handling, storing and stacking material. What is safe disposal of waste, type of waste and their disposal Importance of handling tools, equipment and materials as per applicable. Safety relevant to tools, tackles, & requirement as per applicability. basic ergonomic principles as per applicability | Safety Helmets Face shield Overalls Knee pads Safety shoes Safety belts Safety harness Safety Gloves Safety Gloves Particle masks Ear Plugs Reflective jackets Fire Extinguisher Fire prevention kit First Aid box Safety tags Safety Notice board |









| Sr. No. | Module | Key Learning Outcomes | Equipment Required |
|---------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | Demonstration/ Practical (D/P): - The skills will be developed and practiced while carrying out following trade related activities in a predictable and familiar working condition. Selection of PPEs and their appropriate use as per working need of painting operations, handling, storing, stacking and shifting of, painting tools and equipments and materials. Selection of PPEs and use them appropriately as per painting works need. Analysis of hazards involved in painting works and taking necessary steps or informing to seniors. Identification of locations, situations/ circumstances, malpractices which can be hazardous for general or painting works Selection of fire extinguisher based on classification of fire, standard practice of storing & stacking firefighting equipment/ materials at work locations Disposal of waste materials as per their nature and | |
| | | effects on weather | |
| | Total Duration Theory Duration 68Hrs Practical Duration 232Hrs. | Unique Equipment Required: Classroom having seating requirement for 30 people, Toi for gents and Ladies), Projector, Blackboard, Work shop for Tool box with lock and key, measuring tape/rule, ladder, bucket, sponges, dusting brush, tack rags, paint stirrers, s tape, wall scrappers, scraper, putty knife, chisel knife, knot punch, Hammer, dusting brush, dust masks, wire brusher knife, filling board, Spray Gun, Painting edger, water lev spirit level, Safety Helmets, Face shield, Overalls, Knee pad belts, Safety harness, Safety Gloves, Safety goggles, Partic Reflective jackets, Fire Extinguisher, Fire prevention kit, Fi Safety Notice board, Hammer, Spanner (set), Wrench, Pull bolts | or practical assessment, Rollers ,Brushes, paint and paper, masking otting brush, nail s, goggles, filling rel pipe, plumb bob, ds, Safety shoes, Safety cle masks, Ear Plugs, irst Aid box, Safety tags, |

Grand Total Course Duration: 300 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/Q0501"

| Sr. No. | Area | Details | | | | |
|---------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| 1 | Job Description | To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack <u>"CON/Q0501"</u> . | | | | |
| 2 | Personal Attributes | 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 | Minimum Educational Qualifications | 0 th standard or equivalent standard in literacy and numeracy | | | | |
| 4a | Domain Certification | ertified for Job Role: "Construction Painter and Decorator" mapped to QP: <u>CON/Q0503"</u> . Minimum accepted % as per respective SSC guidelines is 0%. | | | | |
| 4b | Platform Certification | 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 | Experience | 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 Helper Construction Painter | |
|-----------------------------------------------------|-----------------------------|
| Job Role | Helper Construction Painter |
| Qualification Pack | CON/Q0501 |
| Sector Skill Council | Construction |

| Sr. No. | 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. |









| | | | | Marks All | ocation |
|---------------------|--------------------------------------------------------------------------------------------------|---------------|--------|-----------|---------------------|
| Assessment outcomes | Assessment Criteria for outcomes | Total Mark | Out Of | Theory | Skills Practical |
| | PC1. identify and select common painting | | | | |
| | materials used for relevant work such as thinner, | | 5 | 0.5 | 4.5 |
| | turpentine oil, sealing compound, various paints | | | 0.5 | 1.5 |
| | and its additives and caulking putty | | | | |
| | PC2. classify different materials based on their | | 5 | 0.5 | 4.5 |
| | type and usage | | | 0.0 | |
| | PC3. identify basic tools used for painting works | | | | |
| | such as hand tools like rollers, brushes, paint | | | | |
| | bucket, sponges, dusting brush, tack rags, paint | | 10 | 1 | 9 |
| | stirrers, strainers, sand paper, masking tape & wall | | | | |
| | scrappers, measuring tools and power tools | - | | | |
| | PC4. check for serviceability/safety of tools and | | 5 | 0.5 | 4.5 |
| | equipment and report faults to superiors | | | | |
| | PC5. select and use appropriate hand tools | | 5 | 0.5 | 4.5 |
| | relevant to the task | | | | |
| | PC6. set up and use basic levelling devices like | | 5 | 0.5 | 4.5 |
| | spirit level, water level & straight edge | _ | 5 | 0.5 | 4.5 |
| | PC7. clean and maintain tools prior to and after use PC8. maintain safe & clean work space while | - | | 0.5 | 4.5 |
| | moving, handling or storing paints materials | | 5 | 0.5 | 4.5 |
| CON/N0501: | PC9. apply appropriate technique of lifting and | | | | |
| Identify, handle, | shifting to transfer required materials and tools | | 5 | 0.5 | 4.5 |
| store & use basic | PC10. follow standard methods and sequence of | _ | | | |
| tools, | loading and unloading of materials such as paints | | | | |
| equipments and | ,putty, sealers, varnishes, additives, thinner & | 100 | 10 | 1 | 9 |
| paints and | turpentine oil | | | | |
| related painting | PC11. maintain proper& safe storage, stacking | - | | | |
| materials | and maintenance of material for easy | | 5 | 0.5 | 4.5 |
| | identification and retrieval | | | | |
| | PC12. apply specific handling and storing | | | | |
| | technique for hazardous and flow able material | | | | |
| | like adhesive, admixtures ,chemicals, thinners and | | 10 | 1 | 9 |
| | other painting materials | | | | |
| | PC13. carry out handling and storing of material | 1 | | | |
| | recognizing and utilizing individual effort and | | 5 | 0.5 | 4.5 |
| | team work as per applicability |] | | | |
| | PC14. handle waste material correctly and safely | | | | |
| | in accordance with the environmental and | | 5 | 0.5 | 4.5 |
| | organization policies |] | | | |
| | PC15. handle hazardous /inflammable material | | | | |
| | effectively and safely as per organizational | | 5 | 0.5 | 4.5 |
| | guidelines | 4 | | | |
| | PC16. clear work place of all debris and | | 5 | 0.5 | 4.5 |
| | unwanted materials | 1 | | | |
| | PC17. dispose waste material safely in | | | | |
| | accordance with environmental norms, | | 5 | 0.5 | 4.5 |
| | organizational procedures, manufacturers' | | | | |
| | guidelines, statutory regulations and instructions | - | 100 | 10 | 00 |
| İ | | | 100 | 10 | 90 |









| A | | | | Marks Allocation | |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------|------------------|---------------------|
| Assessment outcomes | Assessment Criteria for outcomes | Total Mark | Out Of | Theory | Skills Practical |
| | 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 |
| CON/N0502: Carry out | 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 |
| preparation of all type of basic surfaces for | PC5. carry out surface preparation methods such as washing, stripping/ scarping, abrading & keying, and brushing for various surfaces | | 20 | 2 | 18 |
| painting works | 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 |
| | | | 100 | 10 | 90 |
| | PC1. level area where scaffold need to be erected and check for ground compactness if required | | 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 |
| CON/N0101:Erect | PC4. place base plates and sole boards on the ground as per markings and instructions | | 10 | 1 | 9 |
| temporary scaffold of | PC5. use proper components and follow standard procedure for 3.6 m temporary scaffold erection | 100 | 10 | 1 | 9 |
| 3.6meter height | PC6. check verticality of scaffold at first level of erection and correct (if required) before moving to the next level | | 10 | 1 | 9 |
| | 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 |









| Assessment outcomes | Assessment Criteria for outcomes | Marks Allocation | | | location |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------|--------|---------------------|
| | | Total Mark | Out Of | Theory | Skills Practical |
| | 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 |
| | | Total | 100 | 10 | 90 |
| 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 |







Construction Skill Development Council 204, Aashirwad Complex, D-1, Green Park, New Delhi - 110016