



Model Curriculum

1. Chargehand - Painting & Decorating

SECTOR: Construction
SUB-SECTOR: Real Estate and Infrastructure Construction
OCCUPATION: Construction Painting
REF ID: CON/Q0504
NSQF LEVEL: 4





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Chargehand - Painting & Decorating

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Chargehand - Painting & Decorating”, in the “Construction” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Chargehand – Painting & Decorating		
Qualification Pack Name & Reference ID. ID	CON/Q0504, v1.0		
Version No.	1.0	Version Update Date	05-04-2019
Pre-requisites to Training	Preferably 8th standard with 9 Years site experience in same occupation for Non-trained worker/ 3 years site experience as a certified Construction Painter and Decorator for trained worker.		
Training Outcomes	After completing this programme, participants will be able to: <ul style="list-style-type: none">• Carry out spray painting on all types of surface as per requirement–Develop understanding of preparation of tools, equipment’s & materials and carry out spray painting on different types of surfaces.• Create ornamental designs on finished masonry surfaces using texture paints and stencil painting technique– Learn to carry out preparation of base surface and practice to create ornamental design using texture paint and stencil painting technique• Carry out preparatory works prior to painting and decorating on finished masonry surface – Learning and practicing about interpretation of drawings, manuals, plans, specification related to painting works and then performing preparatory works prior to painting• Carry out decorative paint finishes using faux painting- Learn to develop and practicing about producing decorative paint finish through use of marbling, ragging, sponging, stippling, use of sheen stripping and dragging technique,• Work effectively in a team to deliver desired results at the workplace – Learn and practice method of motivating and guiding subordinates to get the assigned task done as per desired quality and productivity norms• Plan and organize work to meet excepted outcomes- Learn and practice method of organizing resources to achieve maximum output• Work according to personal health, safety and environment protocol at construction site- Importance of Health & Safety aspects & measures to be followed while working.		

This course encompasses 7 out of 7 National Occupational Standards (NOS) of “Chargehand – Painting & Decorating” Qualification Pack issued by “Construction Development Council of India”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm) 04:00</p>	<p>Introduction: -</p> <ul style="list-style-type: none"> • Role description/ functions of the job role • Expected personal attributes from the job role • Brief description about course content, mode of learning and duration of course • Future possible progression and career development provisions on completion of the course • Soft skills as applicable to communication, decision making and personal behavior <p>Theory and practical: -</p> <ul style="list-style-type: none"> • computer basics – MS Office, Internet, E-mail • Leadership development program • Model work schedule for installation and dismantling of critical construction equipment’s (Interpretation and preparation) • Installation guidelines for relevant equipment’s as provided by manufacturers (Interpretation and description) 	<p>infrastructural requirements</p> <ol style="list-style-type: none"> 1. classroom having sitting capacity of 30 trainees 2. blackboard 3. LCD monitor 32” 4. Laptop
2	<p>Carry out spray painting on all types of surfaces as per requirement</p> <p>Theory Duration (hh:mm) 33:00</p> <p>Practical Duration (hh:mm) 79:00</p> <p>Corresponding NOS Code CON/N0508</p>	<p>Theory: -</p> <ul style="list-style-type: none"> • Basic concept about sketches/drawing relevant to painting work • Basic Concept about measurement, arithmetic and geometric calculations and conversion of units • Detailed concept about preparation of surface before application of spray paints • Knowledge about fixing fluid tip, air cap, hoses, filters, tips on spray painting machine • Knowledge about set up spray paint machine with material like silver/copper • Knowledge about attaching and aligning machine parts • Knowledge about operation and maintenance of spray paint machine <p>Demonstration/ Practical (D/P):-</p> <ul style="list-style-type: none"> • Perform setup of machine to paint for different solutions • Perform fixing of correct accessories in preparation for spray painting works • Demonstrate and perform initial measurement of the painting materials before loading to machine 	<ol style="list-style-type: none"> 1. Work shop for practical assessment 2. Toilet/Urinals (Separate for gents and Ladies) 3. Tool box with lock and key 4. Measuring tape/rule, 5. Ladder 6. Measuring tape 7. Scale 8. Square 9. Water level tube 10. Spirit level 11. Plumb bob 12. Rollers 13. Brushes 14. paint bucket 15. sponges 16. dusting brush 17. tack rags 18. paint stirrers 19. sand paper 20. masking tape 21. wall scrappers 22. scraper,

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Demonstrate and perform attaching and alignment of all machine parts as per requirements for painting purpose • Demonstrate and perform filling of hoppers, reservoir troughs or pans with materials for painting or coating as per requirements • Demonstrate and operate the spray paint machine as per specification to ensure proper flow or spray of coatings or paints • Demonstrate and perform application of paint by spray machine on various surface using different technique to get desired finish and texture as per specification • Explain and execute spray gun at appropriate distance from surface as per requirement to maintain coverage all around • Perform touch up work as per instruction • Clean and maintain spray painting machine and its accessories after use 	23. putty knife 24. chisel knife 25. knotting brush 26. nail punch, 27. Hammer 28. dusting brush 29. dust masks 30. wire brushes 31. goggles 32. filling knife 33. filling board 34. Painting edger PPE'S 1. Safety helmets 2. Hand gloves 3. Safety shoes 4. Safety harness 5. Nose mask 6. Overalls Knee pad 7. Reflective jackets 8. Pencil
3	Create ornamental designs on finished masonry, surfaces using texture paints and stencil painting technique Theory Duration (hh:mm) 55:00 Practical Duration (hh:mm) 129:00 Corresponding NOS Code CON/N0509	Theory: <ul style="list-style-type: none"> • Detailed concept about sketches/schematic working drawing relevant to painting work • Detailed knowledge of measurement, arithmetic and geometric calculations for his own work area • Detailed concept about selection and use of painting tools, paint materials and mixing ingredients • Detailed concept about size of painting tools, materials and components • Detailed knowledge about protection of adjacent surface prior to painting • Detailed knowledge about mixing of paint materials as per specification • Detailed idea about different painting materials such as adhesives, oil, turpentine, mildew remover, and painting ingredients like stain, lacquer, shellac varnish etc. • Knowledge about how to attach and remove accessories prior to finishing • Method of application of primer sand paper and main coatings of finishing materials 	1. Work shop for practical assessment 2. Toilet/Urinals (Separate for gents and Ladies) 3. Tool box with lock and key 4. Measuring tape/rule, 5. Ladder 6. Measuring tape 7. Scale 8. Square 9. Water level tube 10. Spirit level 11. Plumb bob 12. Rollers 13. Brushes 14. paint bucket 15. sponges 16. dusting brush 17. tack rags 18. paint stirrers 19. sand paper 20. masking tape 21. wall scrappers 22. scraper,

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p>also technique to produce ornamental design on surfaces</p> <ul style="list-style-type: none"> • Knowledge of application of masking tape while performing stencil work <p>Demonstration/ Practical (D/P): -</p> <ul style="list-style-type: none"> • Perform quality checks on surface to ensure that it is free from dust, dirt, grease and suitable for application of paint prior to painting • Demonstrate and calculate the quantity of materials required for painting as per requirement • Demonstrate and carry out all preparatory work such filling of all gaps/depression on surface and also cleaning, maintenance and upkeep of painting tools • Perform and demonstrate covering up all the adjacent surface and removal of same as per standard procedure • Demonstrate and carry out identification and selection of painting material and mixing ingredients as per requirement • Perform mixing of paint materials with additives as per specification/instruction • Demonstrate and perform mixing of reducer/thinner/water to adjust viscosity of paint as per standard procedure • Demonstrate and perform application of primer coats and main coat of texture/paint as per specification • Carry out application of smooth or sand texture paint over prepared surface as per instruction applicable • Perform application of fresh coat of latex based paint at required surface for stencil paint technique • Describe and perform positioning of stencil on the wall as per standard requirement • Carry out application of paint over the stencil by paint brush as per instruction 	<p>23. putty knife 24. chisel knife 25. knotting brush 26. nail punch, 27. Hammer 28. dusting brush 29. dust masks 30. wire brushes 31. goggles 32. filling knife 33. filling board 34. Painting edger 35. Rotary /impact power tools</p> <p>PPE'S</p> <ol style="list-style-type: none"> 1. Safety helmets 2. Hand gloves 3. Safety shoes 4. Safety harness 5. Nose mask 6. Overalls Knee pad 7. Reflective jackets 8. Pencil
4	<p>Carry out preparatory work prior to painting and decorating on finished masonry surface</p>	<p>Theory: -</p> <ul style="list-style-type: none"> • Detailed concept about sketches/schematic working drawing relevant to painting work • Detailed knowledge of measurement, arithmetic and geometric calculations for his own work area 	<p>1. Work shop for practical assessment 2. Toilet/Urinals (Separate for gents and Ladies)</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 34:00</p> <p>Corresponding NOS Code CON/N0511</p>	<ul style="list-style-type: none"> Detailed concept about selection and use of painting tools, paint materials and mixing ingredients Detailed concept about size of painting tools, materials and components Detailed knowledge about protection of adjacent surface prior to painting Detailed knowledge about base color and colorants, mixing of paints and varnishes materials as per specification Detailed idea about different painting materials such as adhesives, oil, turpentine, mildew remover, and painting ingredients like stain, lacquer, shellac varnish etc. Knowledge about adjustment of viscosity of paint mix using reducers/thinners as per standards method Method of application of primer, sand paper and main coatings of finishing materials Knowledge about producing decorative paint finishes including sponging, dragging, grabbing, marbling etc. <p><u>Demonstration/ Practical (D/P) :-</u></p> <ul style="list-style-type: none"> Perform while explaining about how to identify and interpret painting elevation drawings manuals, plans and specifications relevant to painting works Demonstrate and perform about identification of symbols, job specification and abbreviations related to painting and decorating work on plans/drawings. Explain and execute about identification of location, dimensions, preparation of base surface and requirements of additional work as per specification. Perform interpretation of job specifications, notes & description and standards of work as per requirements Perform interpretation of material attributes from specification as per instruction Demonstrate the methods of verification of plans, drawings and documents related to painting works with superiors 	<p>3.Tool box with lock and key</p> <p>4.Measuring tape/rule,</p> <p>5. Ladder</p> <p>6. Measuring tape</p> <p>7. Scale</p> <p>8. Square</p> <p>9. Water level tube</p> <p>10.Spirit level</p> <p>11.Plumb bob</p> <p>12.Rollers</p> <p>13.Brushes</p> <p>14.paint bucket</p> <p>15.sponges</p> <p>16.dusting brush</p> <p>17.tack rags</p> <p>18.paint stirrers</p> <p>19.sand paper</p> <p>20.masking tape</p> <p>21.wall scrappers</p> <p>22.scrapper,</p> <p>23.putty knife</p> <p>24.chisel knife</p> <p>25.knotting brush</p> <p>26.nail punch,</p> <p>27.Hammer</p> <p>28.dusting brush</p> <p>29.dust masks</p> <p>30.wire brushes</p> <p>31.goggles</p> <p>32.filling knife</p> <p>33.filling board</p> <p>34.Painting edger</p> <p>35.Rotary /impact power tools</p> <p><u>PPE'S</u></p> <p>9. Safety helmets</p> <p>10.Hand gloves</p> <p>11.Safety shoes</p> <p>12.Safety harness</p> <p>13.Nose mask</p> <p>14.Overalls Knee pad</p> <p>15. Reflective jackets Pencil</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> Perform measurement and calculation of area to be painted and estimation of quantity as per specification Perform visual inspection prior to painting work to ensure that safe condition and proper access for man and materials Ensure erection and dismantle of temporary scaffold and platforms before commencing of painting work Perform selection of appropriate materials and ingredients for paints and finishing purpose as per desired specification Examine and ensure the workability and consistency of paint Carry out all the compliance related to painting works with standards guidelines 	
5	<p>Carry out decorative paint finishes using faux painting</p> <p>Theory Duration (hh:mm) 33:00</p> <p>Practical Duration (hh:mm) 79:00</p> <p>Corresponding NOS Code CON/N0512</p>	<p>Theory: -</p> <ul style="list-style-type: none"> Detailed concept about sketches/schematic working drawing relevant to painting work Detailed knowledge of measurement, arithmetic and geometric calculations for his own work area Detailed concept about selection and use of painting tools, paint materials and mixing ingredients Detailed concept about size of painting tools, materials and components Detailed knowledge about protection of adjacent surface prior to painting Detailed knowledge about mixing of paint materials as per specification Detailed idea about different painting materials such as adhesives, oil, turpentine, mildew remover, and painting ingredients like stain, lacquer, shellac varnish etc. Knowledge about how to attach and remove accessories prior to finishing Method of application of primer, sand paper and main coatings of finishing materials Knowledge about producing decorative paint finishes including sponging, dragging, grabbing, marbling etc. Knowledge about the selection of base coat for decorative paint finish Detailed concept about how to check vertical using standard procedure 	<p>1. Work shop for practical assessment</p> <p>2. Toilet/Urinals (Separate for gents and Ladies)</p> <ol style="list-style-type: none"> 1. Tool box with lock and key 2. Measuring tape/rule, 3. Ladder 4. Measuring tape 5. Scale 6. Square 7. Water level tube 8. Spirit level 9. Plumb bob 10. Rollers 11. Brushes 12. paint bucket 13. sponges 14. dusting brush 15. tack rags 16. paint stirrers 17. sand paper 18. masking tape 19. wall scrappers 20. scraper, 21. putty knife 22. chisel knife 23. knotting brush 24. nail punch, 25. Hammer 26. dusting brush 27. dust masks 28. wire brushes

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p>Demonstration/ Practical (D/P) :-</p> <ul style="list-style-type: none"> • Perform application of specified coats of white basecoat and inspect to check dry of the coats as per requirements • Demonstrate and perform mixing of raw sienna color with white spirit, oil glaze and acrylic latex glaze • Perform application of glaze mix with an artist brush/roller as per specification • Clean and wipe out excessive amounts of wet glaze using cloth as per instruction and specification • Perform the application of sienna glaze in lines, varying the thickness to create veins of marble by using a thin artist brush, also repeat the technique of veining and parchment as per desired specification • Execute application of basecoat in sequence such as first cut out near ceiling, corners, baseboards and doors • Carry out preparation of latex glaze/deep tone paint mixture in 4:1 ratio and pour into roller tray lined with plastic liner • Perform soaking of sponge into water and then apply a wash or glaze on top to create mottled look after squeeze out excess water • Execute application of uniform glaze coat over solid base with brush or roller as per specification • Carry out removing of glaze to expose undercoat as per instruction • Perform application of colour top coat as per standard procedure as required • Carry out and ensure that all the dots of paint is removed by stabbing and blotting of the excess paint from the stippling with in desired periods • Perform painting on surface with acrylic interior flat or eggshell paint • Demonstrate and carry out the marking of area to be painted as per standard procedure/instruction 	<p>29. goggles 30. filling knife 31. filling board 32. Painting edger 33. Rotary /impact power tools</p> <p>PPE'S</p> <p>16. Safety helmets 17. Hand gloves 18. Safety shoes 19. Safety harness 20. Nose mask 21. Overalls Knee pad 22. Reflective jackets</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> Perform and apply different layer/coat of paint materials as per specification by dragging technique Carry out painting by brush as per standard method while maintain even pressure and keep the brush strokes parallel Check the dilution of different coats of paint over one another as per requirements Perform necessary step for cleaning of work area Apply varnish coat as per standard procedure 	
6	<p>Work effectively in a team to deliver desired results at the workplace</p> <p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 34:00</p> <p>Corresponding NOS Code CON/N8001</p>	<p>Theory: -</p> <ul style="list-style-type: none"> Introduction to leadership development program Effective communication skill during guiding/ instructing subordinate Productivity norms related to activities to be performed Promoting organizational safety and quality norms within the workplace Safety awareness to be created within workplace and safe work method to be followed Clarify confusions among subordinates and provide clear instruction Reporting procedure to the seniors in oral/ written format as applicable to the organizational norms Coordinate with different trade personnel to obtain/ pass on work information Ensure safety of subordinates by completing all necessary safety formalities <p>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</p> <ul style="list-style-type: none"> Briefing about work targets, scopes and timelines to be achieved Demonstrate advantages of team working and effective communication procedure within the team Seeking information/ updates from subordinates at regular interval 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> Reporting to senior or other trade personnel in appropriate reporting procedure Analyze problems identified within team and take necessary action Motivate subordinate to increase productivity <p>Allocate manpower for assigned task according to their personal attributes/ expertise (as applicable)</p> <ul style="list-style-type: none"> 	
7	<p>Plan and organize work to meet expected outcomes</p> <p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 34:00</p> <p>Corresponding NOS Code CON/N8002</p>	<p>Theory: -</p> <ul style="list-style-type: none"> Method of resource planning and ascertaining timelines for assigned task Organizing resources and quality checks to be performed as per the requirements Method of preparation of work schedule Method of estimation of resources from drawings/ schedules Monitoring procedure of ongoing works and inspection of completed works to ensure compliance Method of preparation of observation data sheet, inspection report Method of reconcile material used for assigned task Method of preparation of budget for domestic painting work <p>Demonstration/ Practical (D/P) :-</p> <ul style="list-style-type: none"> Prepare work schedule as per planning Arrange material and required tools/ fixtures prior to start any work Explain deviation in works and justify the same Suggest alternative arrangement/ use of equipment in case of emergency situation Coordinate with subordinates and different trade personnel <p>Minimize wastage as per standard working method</p>	<p>infrastructural requirements</p> <ol style="list-style-type: none"> Classroom having sitting capacity of 30 trainees Blackboard LCD monitor 32" <ol style="list-style-type: none"> Laptop
8	<p>Work according to personal health, safety and environment protocol at construction site</p> <p>Theory Duration (hh:mm) 14:00</p>	<p>Theory:-</p> <ul style="list-style-type: none"> Types of hazards involved in construction sites Types of hazards involved in painting work Emergency safety control measures and actions to be taken under emergency situation 	<p>PPEs</p> <ol style="list-style-type: none"> Safety Helmet Safety goggles Safety shoes Safety belt Cotton gloves Ear plugs Reflective jackets

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Practical Duration (hh:mm) 34:00</p> <p>Corresponding NOS Code CON/N9001</p>	<ul style="list-style-type: none"> • Identification of unsafe act and unsafe condition • Concept of :- <ol style="list-style-type: none"> 1. First Aid process 2. Use of fire extinguisher 3. Classification of fires and fire extinguisher 4. Safety drills 5. Types and use of PPEs required for painting works • Safety protocols and practices • 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 • basic ergonomic principles as per applicability <p><u>Demonstration/ Practical :-</u> The skills will be developed and practiced while carrying out following trade related activities:</p> <ul style="list-style-type: none"> • Selection of PPEs and use them appropriately as per working need of painting works, handling, storing, stacking and shifting of material, tools and equipment's • 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 fire-fighting equipment's/ materials at work locations • Disposal of waste materials as per their nature and effects on weather 	<p>8. Dust mask 9. Fire Prevention kit</p>
	<p>Total Duration</p> <p>Theory Duration 181:00</p> <p>Practical Duration 427:00</p>	<p>Unique Equipment Required:</p> <p><u>Hand Tools, Materials and Fixtures</u> Tool box with lock and key, Measuring tape/rule, Ladder, Measuring tape, Scale, Square, Water level tube, Spirit 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, nail punch, Hammer, dusting brush, dust masks, wire brushes, goggles, filling knife, filling board, Painting edger, Rotary /impact power tools</p>	



Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p><u>Measuring Instruments</u> measuring tape, mason's line, spirit level, plumb bob, level tube</p> <p><u>PPEs & safety equipment's</u> helmet , safety shoes , hand gloves, goggles, Reflective jackets, Safety message boards, overall knees pad, nose mask, safety belt, ear ,plugs, Fire Prevention kit</p> <p><u>infrastructural requirements</u> classroom having sitting capacity of 30 trainees, blackboard LCD monitor 32", laptop</p>	

Grand Total Course Duration: **608 Hours, 00 Minutes**
Recommended **389:00 Hours of on job training**

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

Trainer Prerequisites for Job role: “Chargehand – Painting and Decorating” mapped to Qualification Pack: “CON/Q0504, v1.0”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “CON/Q0504”.
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-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field
3	Minimum Educational Qualifications	ITI/12th
4a	Domain Certification	Trainer/Assessor-80% in each NOS of Qualification Pack “MEP/Q0102” or “MEP/Q0104” and Lead trainer/Lead Assessors- 90% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103”
4b	Platform Certification	Trainer/Assessor-50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103” & 80% overall, Lead trainer/ Lead Assessors- 50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103” and overall 90%
5	Experience	<ul style="list-style-type: none"> i. Technical Degree holder with minimum three years of Field experience and preferably two years of teaching experience or, ii. In case of a Diploma Holder five years of field experience and preferably two years of teaching experience or, iii. In case of ITI/12th pass minimum eight years of field experience and preferably two years of teaching Experience.



CRITERIA FOR ASSESSMENT OF TRAINEES

<u>Job Role</u>	Chargehand – Painting and Decorating
<u>Qualification Pack</u>	CON/Q0504
<u>Sector Skill Council</u>	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 70%. To pass the Qualification Pack, every trainee should score a minimum of 70% individually in each NOS.
6. The Assessor shall check the final outcome of the practices while evaluating the steps performed to achieve the final outcome.
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	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
CON/N0508: Carry out spray painting on all types of surfaces as per requirement	PC1. set up machine to paint with different paints and other solutions such as silver and copper solution, rubber, paint, glaze, oil, or rust proofing materials	100	12	3.5	8.5
	PC2. select and fix correct fluid tip, air cap, hoses, filters and tips, in preparation for spray painting works		5	2	3
	PC3. weigh or measure chemicals, coatings, or paints before loading to machines		5	2	3
	PC4. attach and align machine parts such as rollers, guides, brushes, and blades, using hand tools, if required		8	2	6
	PC5. attach hoses or nozzles to machines, using wrenches and pliers, and make adjustments to obtain the proper dispersion of spray as per required thickness of paint film		8	2	6
	PC6. fill hoppers, reservoirs, troughs, or pans with material used to paint or coat surfaces as per applicability		8	2	6
	PC7. operate the spray paint machine at appropriate temperature, air pressure and circulation to ensure proper flow or spray of coatings or paints		12	3.5	8.5
	PC8. apply paint by spray machine on various surfaces using appropriate overlapping technique to achieve required level finish and texture as per specification		12	3.5	8.5
	PC9. hold the spray gun at appropriate distance from surface and operate appropriately as per requirement/instructions		12	3.5	8.5
	PC10. maintain proper coverage at corners and edges		8	2	6
	PC11. perform touch-up painting, using paint brushes as per requirement		5	2	3
	PC12. clean nozzles, containers and hoses of machines after usage		5	2	3
			Total	100	30
CON/N0509: Create ornamental designs on finished	PC1. carry out visual and physical check for suitability of surface, prior to painting	100	2	0.5	1.5
	PC2. measure the surface to be painted and calculate the appropriate quantity of required materials as per applicability		2	0.5	1.5

masonry, surfaces using texture paints and stencil painting technique	PC3. ensure surface is free from dust, dirt and grease and is prepared appropriately prior to application of paints	2	0.5	1.5	
	PC4. apply putty to fill gaps and depressions on the surface to be painted for preparation of a leveled surface if required	2	0.5	1.5	
	PC5. ensure that adjacent surfaces are covered with drop cloths/ masking tape/paper and all removable items/fixtures are removed prior to painting	2	0.5	1.5	
	PC6. ensure proper cleaning ,maintenance and upkeep of painting tools and equipments before and after use	2	0.5	1.5	
	PC7. select appropriate painting material and mixing ingredients as per requirement /specified finish	7	2	5	
	PC8. identify base colour as per the requirements / instructions	7	2	5	
	PC9. select appropriate colorants suitable for colour match, to meet aesthetic requirements	7	2	5	
	PC10. mix specified amount of paint material with additives as per specified ratio	7	2	5	
	PC11. follow standard procedure for effective mixing and dilution of paints	7	2	5	
	PC12. add reducer/thinner/ water to adjust viscosity of paint mix as per requirement	4	2	2	
	PC13. apply primer coats of paint to the finished/leveled surfaces as per specifications	7	2	5	
	PC14. apply main coat of texture paint over primer coat within specified time limits as per specification	7	2	5	
	PC15. apply smooth or sand texture paint over the prepared surface after application of primer coat using paint brush, roller or spray as per applicability	7	2	5	
	PC16. apply a fresh coat of latex based paint to the required surface for stencil painting technique	7	2	5	
	PC17. position the stencil on the wall, using a level to ensure appropriate pattern	7	3	4	
	PC18. hold the stencil in place on the surface using two to three small pieces of masking tape and remove the tape post usage	7	2	5	
	PC19. apply paint over the stencil using paint brush to obtain desired finish	7	2	5	
		Total	100	30	70



CON/N0511: Carry out preparatory works prior to painting and decorating on finished masonry surface	PC1. identify, read, assess, and interpret painting elevation drawings, manuals, plans and specifications for painting works	100	5	1.5	3.5
	PC2. identify symbols and abbreviations relating to painting and decorating projects on plans /drawings as per requirements		5	1.5	3.5
	PC3. identify location, dimensions and requirements for any additional works as per specifications		5	1.5	3.5
	PC4. interpret job specifications from drawings, notes and descriptions as per requirements		5	1.5	3.5
	PC5. interpret standards of work and finishes from the project specifications as per worksite requirements		5	1.5	3.5
	PC6. interpret material attributes from specifications as per requirement		5	1.5	3.5
	PC7. verify amendments, if any, to plans and drawings for painting and decorating works with the superiors		5	1.5	3.5
	PC8. measure area to be painted and estimate material required for painting as per applicability		2	0.5	1.5
	PC9. perform visual checks to ensure safe condition of access and sufficient work space for painting works		2	0.5	1.5
	PC10. supervise the erection and dismantle of temporary scaffold and work platforms prior to commencement of painting work		5	1	4
	PC11. select appropriate coatings, paints and other finishing ingredients as per specification/desired finish		8	2.5	5.5
	PC12. ensure base surface is prepared as per specification		8	2.5	5.5
	PC13. identify base colour and colorants as per applicability		8	2.5	5.5
	PC14. check paint to be applied for workability and consistency		8	2.5	5.5
	PC15. adjust the viscosity of paint as per requirement		8	2.5	5.5
	PC16. prepare and mix paints and varnishes as per requirement		8	2.5	5.6
	PC17. carry out work in compliance with safety guidelines		8	2.5	5.5
	Total	100	30	70	
CON/N0512: Carry out decorative paint	PC1. apply specified coats of white basecoat and allow each to dry thoroughly	100	3	1	2
	PC2. mix raw sienna color with white spirit and oil glaze		3	1	2

finishes using faux painting	PC3. mix the sienna color with acrylic latex glaze, in case of use of latex paints	3	1	2
	PC4. apply with an artist brush on required surface to give the required finish	3	1	2
	PC5. wipe away varying amounts of wet glaze, allowing patches of light and dark to form using a cloth by parchment technique	2	0.5	1.5
	PC6. apply the sienna glaze in lines, varying the thickness to create the "veins" of marble by using a thin artist brush	3	1	2
	PC7. repeat the technique of veining and parchment over entire area to produce desired effect	3	1	2
	PC8. apply appropriate coats of white basecoat and allow each to dry thoroughly	3	1	2
	PC9. mix raw sienna color with white spirit and oil glaze	3	1	2
	PC10. mix the sienna color with acrylic latex glaze in case of use of latex paints	3	1	2
	PC11. apply glaze mix with an artist brush/roller on required surface to give the required finish	3	1	2
	PC12. wipe away varying amounts of wet glaze by using a cloth maintaining the wet edge and reshape the rag throughout the process	2	0.5	1.5
	PC13. select appropriate base coat for application of decorative paint finish	3	1	2
	PC14. prepare the glaze coat by mixing latex paint with latex glaze mixture as per paint mix ratio	3	1	2
	PC15. apply paint mix on foam boards before applying on the surface	3	1	2
	PC16. apply basecoat, first "cutting" out around ceiling, corners, baseboards and doors	3	1	2
	PC17. prepare the 4:1 latex glaze/deep tone paint mixture and pour into a roller tray lined with plastic liner	3	1	2
	PC18. prepare a sea sponge(s) by soaking in water to soften, then squeeze out all excess water	2	0.5	1.5
	PC19. apply a wash or glaze on top with a dampened sponge and create a mottled look	3	1	2
	PC20. apply a uniform glaze coat over the solid base with a brush or roller	3	1	2
	PC21. remove some of the glaze to expose the undercoat before drying out the glaze coat	2	0.5	1.5
	PC22. apply solid base coat on required surface and allow it to dry	3	1	2

	PC23. apply a different color top coat starting from one side of the wall to the other in wide strips from ceiling to floor as per the requirements		3	1	2
	PC24. ensure removal of the dots of paint by stabbing through a large soft – bristled brush before drying out		3	1	2
	PC25. ensure blotting of the excess paint from the stippling brush after certain periods		3	1	2
	PC26. paint the required surface with quality acrylic interior flat or eggshell paint and allow it to dry		3	0.5	2.5
	PC27. mark off the area to be painted with semi-gloss paint-typically in a vertical pattern by using painter's tape and a level		3	0.5	2.5
	PC28. ensure that the lines are perfectly vertical using the level		3	1	2
	PC29. paint the area to be "striped" with quality semi-gloss paint - same color as the flat paint and allow it to dry as per the requirements		3	1	2
	PC30. remove the painter's tape to keep the area clean		2	0.5	1.5
	PC31. apply base coat (typically 2 layers or as per the requirements)		3	1	2
	PC32. ensure that the top coat is diluted with one part paint to one part glaze or as per the requirements		3	1	2
	PC33. apply a thin layer of the colored glaze/topcoat mixture by using a dragging brush (or long haired paint brush)		3	0.5	2.5
	PC34. move the brush from top to bottom giving long vertical strokes and maintaining even pressure and keeping the brush strokes as parallel as possible		3	0.5	2.5
	PC35. apply varnish coat after the paint coat dries		3	0.5	2.5
		Total	100	30	70
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 same		7	2	5
	PC5. communicate to team members/subordinates for appropriate work technique and method		10	3	7
	PC6. seek clarification and advice as per 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/N8002: Plan and organize work to meet expected outcomes	PC1. understand clearly the targets and timelines set by superiors	100	7	2	5
	PC2. plan activities as per schedule and sequence		7	2	5
	PC3. provide guidance to the subordinates to obtain desired outcome		10	3	7
	PC4. plan housekeeping activities prior to and post completion of work		7	2	5
	PC5. list and arrange required resources prior to commencement of work		10	3	7
	PC6. select and employ correct tools, tackles and equipment for completion of desired work		10	3	7
	PC7. complete the work with allocated resources		10	3	7
	PC8. engage allocated manpower in an appropriate manner		10	3	7
	PC9. use resources in an optimum manner to avoid any unnecessary wastage		10	3	7
	PC10. employ tools, tackles and equipment with care to avoid damage to the same		7	2	5
	PC11. organize work output, materials used, tools and tackles deployed,		7	2	5
	PC12. processes adopted to be in line with the specified standards and instructions		7	2	5
			Total	100	30
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: <ul style="list-style-type: none"> • 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