



# Model Curriculum

## 1. Assistant Paint Inspector

**SECTOR: Construction**  
**SUB-SECTOR: Real Estate and Infrastructure Construction**  
**OCCUPATION: Quality Assurance & Quality Control**  
**REF ID: CON/Q0407**  
**NSQF LEVEL: 5**





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# Assistant Paint Inspector

## CURRICULUM / SYLLABUS

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

<b>Program Name</b>	<b>Assistant Paint Inspector</b>		
<b>Qualification Pack Name &amp; Reference ID. ID</b>	CON/Q0407, v1.0		
<b>Version No.</b>	1.0	<b>Version Update Date</b>	23-08-2017
<b>Pre-requisites to Training</b>	Preferably 10 <sup>th</sup> standard with 12 years site experience in same occupation for Non Trained Worker		
<b>Training Outcomes</b>	<b>After completing this programme, participants will be able to:</b> <ul style="list-style-type: none"><li>• <b>Carry out checks prior to commencement of painting works</b>– Develop understanding of preparation of tools, equipment's &amp; materials and carry out spray painting on different types of surfaces.</li><li>• <b>Carry out checks during painting works</b>– Learn to carry out preparation of base surface and practice to create ornamental design using texture paint and stencil painting technique</li><li>• <b>Carry out checks after completion of painting works</b>– Learning and practicing about interpretation of drawings, manuals, plans, specification related to painting works and then performing preparatory works prior to painting</li><li>• <b>Manage workplace for safe and healthy work environment</b> Learn to develop and practicing about producing decorative paint finish through use of marbling, ragging, sponging, stippling, use of sheen stripping and dragging technique,</li></ul>		

This course encompasses 4 out of 4 National Occupational Standards (NOS) of “Assistant Paint Inspector” Qualification Pack issued by “Construction Skill Development Council of India”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p><b>Introduction</b></p> <p><b>Theory Duration</b> (hh:mm) 04:00</p> <p><b>Practical Duration</b> (hh:mm) 04:00</p>	<p><b>Introduction: -</b> <b>Understand the concept of:</b></p> <ul style="list-style-type: none"> <li>• Role description/ functions of the job role</li> <li>• Expected personal attributes from the job role</li> <li>• Brief description about course content, mode of learning and duration of course</li> <li>• Future possible progression and career development provisions on completion of the course</li> <li>• Soft skills as applicable to communication, decision making and personal behavior</li> </ul> <p><b>Theory and practical: -</b></p> <ul style="list-style-type: none"> <li>• computer basics – MS Office, Internet, E-mail</li> <li>• Leadership development program</li> <li>• Model work schedule for installation and dismantling of critical construction equipment’s (Interpretation and preparation)</li> <li>• Installation guidelines for relevant equipment’s as provided by manufacturers (Interpretation and description)</li> </ul>	<p><b>infrastructural requirements</b></p> <ol style="list-style-type: none"> <li>1. classroom having sitting capacity of 30 trainees</li> <li>2. blackboard</li> <li>3. LCD monitor 32”</li> <li>4. Laptop</li> </ol>
2	<p><b>Carry out checks prior to commencement of painting work</b></p> <p><b>Theory Duration</b> (hh:mm) 105:00</p> <p><b>Practical Duration</b> (hh:mm) 159:00</p> <p><b>Corresponding NOS Code</b> CON/N0414</p>	<p><b>Theory: -</b> <b>Understand the concept of:</b></p> <ul style="list-style-type: none"> <li>• Knowledge about simple technical drawing &amp; its principles related to construction work</li> <li>• Basic Concept about measurement, arithmetic and geometric calculations and conversion of units</li> <li>• Detailed concept about interpretation of architectural drawing, manuals and technical specification related to painting woks</li> <li>• Knowledge about terminology and appropriate techniques used in painting and decorative works</li> <li>• Detailed knowledge about proportions for mixing painting materials</li> <li>• Detailed knowledge about surface preparation and paint finishes as per the suitability for a structure</li> <li>• Knowledge about equipment, materials and tools used in construction work at site</li> <li>• Knowledge about selection and fixing of correct fluid tip, air cap, hoses, filters and tips on spray painting machine</li> <li>• Knowledge about setup of machine with</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. 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> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p>appropriate materials and aligning its part and accessories</p> <ul style="list-style-type: none"> <li>Detailed concept about operation of painting machine as per requirement</li> </ul> <p><b><u>Demonstration/ Practical :-</u></b></p> <ul style="list-style-type: none"> <li>Demonstrate the specification, manuals, standards relevant to painting and decorative work</li> <li>Perform checking of air temperature, relative humidity and dew point</li> <li>Demonstrate and perform checking on tools and equipment for cleaning, maintenance and storing as per standard specification</li> <li>Demonstrate and perform visuals checks for safe condition of access and sufficient work space for painting works</li> <li>Explain and perform check on masonry surface for cleaning and sanded preparation prior to painting works</li> <li>Explain and check putty works on base surface for evenly application around all the surface including corners and crevices, having thickness as per specification</li> <li>Explain and check preparation of wooden surface as per standards requirements</li> <li>Demonstrate the fabricated surfaces are free from contaminant particles</li> <li>Explain and check that fabricated steel structure/metallic surface are prepared as per standard procedure</li> <li>Demonstrate and perform check on welded piece about flux, spatter and defects prior to painting</li> <li>Explain evenness on prepared surface and mark the area prior to painting</li> <li>Demonstrate and check painting materials for its shelf life, expiry date, broken seal etc.</li> <li>Demonstrate and ensure the viscosity of paint and quantity of materials added to paint mix</li> <li>Demonstrate about cleaning, maintenance and storage of painting tools and equipment's as per standard procedure</li> <li>Demonstrate the paint equipment are set appropriately with its accessories as per requirements</li> <li>Demonstrate and determine the chemicals,</li> </ul>	<p>22. scraper, 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</p> <p><b><u>PPE'S</u></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> <li>Overalls Knee pad</li> <li>Reflective jackets</li> <li>Pencil</li> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p>coatings, paints are as per requirement before loading to machine</p> <ul style="list-style-type: none"> <li>• Determine the operation of machine is as per requirement for temperature, air pressure and circulation</li> <li>• Perform quality checks for any defects related to painting works and standard reporting procedure for the same</li> </ul>	
3	<p><b>Carry out checks during painting works</b></p> <p><b>Theory Duration</b> (hh:mm) 92:00</p> <p><b>Practical Duration</b> (hh:mm) 140:00</p> <p><b>Corresponding NOS Code</b> CON/N0415</p>	<p><b>Theory:</b> <b>Understand the concept of:</b></p> <ul style="list-style-type: none"> <li>• Knowledge about simple technical drawing &amp; its principles related to construction work</li> <li>• Basic Concept about measurement, arithmetic and geometric calculations and conversion of units</li> <li>• Detailed concept about interpretation of architectural drawing, manuals and technical specification related to painting works</li> <li>• Knowledge about terminology and appropriate techniques used in painting and decorative works</li> <li>• Knowledge about surface preparation for painting works using power tools and hand tools</li> <li>• Detailed knowledge about tools such as tools to check viscosity, orifice gage, thickness gage, paint thermometer etc</li> <li>• Detailed concept about period of time elapsed since application of paint</li> <li>• Knowledge about overlapping technique and maintenance of specified distance for painting operations</li> </ul> <p><b>Demonstration/ Practical (D/P): -</b></p> <ul style="list-style-type: none"> <li>• Demonstrate the specified amount of thinner or additives, consistency of paint as per specification prior to application</li> <li>• Describe and check the application of primer on prepared surface</li> <li>• Demonstrate the drying time prior to application of paint coat</li> <li>• Demonstrate the paint coats are as per shop drawing and specification required</li> <li>• Demonstrate the positioning of stencil to get desired patterns as per requirement</li> <li>• Demonstrate and assure that the decorative paint finishes are applied as per specification</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. 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> <li>35. Rotary /impact power tools</li> </ol> <p><b>PPE'S</b></p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>• Demonstrate and justify the application of paint and varnish on wooden surface as per specification</li> <li>• Demonstrate and assure that paint is covered all around corners and crevices</li> <li>• Verify the film thickness of paint film using specified gauge</li> <li>• Demonstrate the defect area and reporting procedure to concerned authority related to painting works</li> </ul>	<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> <li>6. Overalls Knee pad</li> <li>7. Reflective jackets</li> <li>8. Pencil</li> </ol>
4	<p><b>Carry out checks after completion of painting works</b></p> <p><b>Theory Duration</b> (hh:mm) 102:00</p> <p><b>Practical Duration</b> (hh:mm) 154:00</p> <p><b>Corresponding NOS Code</b> CON/N0416</p>	<p><b>Theory: -</b> <b>Understand the concept of:</b></p> <ul style="list-style-type: none"> <li>• Detailed concept and knowledge about testing tools used in painting works such as:</li> <li>• Surface temperature thermometer</li> <li>• Conductivity meter</li> <li>• Depth micro meter</li> <li>• Hypodermic needle pressure gauge</li> <li>• Blast nozzle orifice gauge</li> <li>• Dry film thickness gauge</li> <li>• Paint thermometer</li> </ul> <p><b>Demonstration/ Practical:-</b></p> <ul style="list-style-type: none"> <li>• Demonstrate and measure dry film thickness for painting works</li> <li>• Perform checks for evenness of paint in well-lit condition also check for opacity of paint film</li> <li>• Explain and execute NDT testing of painted surface using standard gauge</li> <li>• Demonstrate and perform checks for defects on painted area and reporting procedure to concerned authority</li> <li>• Demonstrate and point out the defects such as: Orange peel, blushing, fade, spotting, water marks, discoloration, chalking, cracks, seeds, runs, fish eyes, blemished metallic finish, pin holes, abrasive marks, peeling, putty marks, blisters and shrinkage.</li> <li>• Also demonstrate the diagnose method for above problems.</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. 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> <li>35. Rotary /impact power tools</li> </ol>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			<b>PPE'S</b> 36. Safety helmets 37. Hand gloves 38. Safety shoes 39. Safety harness 40. Nose mask 41. Overalls Knee pad 42. Reflective jackets 43. Pencil
5	<b>Manage workplace for safe and healthy work environments</b>  <b>Theory Duration</b> (hh:mm) 19:00  <b>Practical Duration</b> (hh:mm) 29:00  <b>Corresponding NOS Code</b> CON/N9002	<b>Theory:-</b> <b>Understand the concept of :</b> <ul style="list-style-type: none"> <li>• Housekeeping Standard procedures</li> <li>• Handling and stacking of materials at workplace/stores</li> <li>• Various kind of Hazards associated with painting work and in general in construction sites</li> <li>• Safety, its importance and protective measures</li> <li>• Correct uses of tools and tackles</li> <li>• Personal Protective Equipments (PPE's)               <ul style="list-style-type: none"> <li>❖ Head protection (Helmets)</li> <li>❖ Ear protection</li> <li>❖ Fall protection</li> <li>❖ Foot protection</li> <li>❖ Face and Eye protection</li> <li>❖ Hand &amp; body protection</li> <li>❖ Respiratory protection</li> </ul> </li> <li>• Organizational Policies related to Health, environment and Safety:               <ul style="list-style-type: none"> <li>❖ Methods of receiving or sourcing information</li> <li>❖ Dealing with accidents and emergencies associated with the work and environment</li> <li>❖ Reporting</li> <li>❖ Emergency evacuation</li> <li>❖ Fire risks and safe exit procedures</li> </ul> </li> <li>• Reporting procedure to the concerned authority in emergency situations</li> <li>• Fire protection equipments, their type and uses based on requirement and type of fire</li> </ul> <b>Demonstration/ Practical :-</b> <ul style="list-style-type: none"> <li>• Demonstrate methods for safe handling and stacking of painting materials, tools, different equipment's/machinery along with its parts and consumables.</li> </ul>	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>• Selection of PPEs and their appropriately usage as per working need during painting works.</li> <li>• Demonstrate safe handling of tools and tackles relevant to different painting works.</li> <li>• Analysis of hazards involved in painting works or informing/reporting to seniors regarding hazardous conditions</li> <li>• Identification of locations, situations/ circumstances, malpractices which can be hazardous for works</li> <li>• Reporting in case of emergency</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 Reporting in case of emergency</li> </ul>	
	<p><b>Total Duration</b></p> <p><b>Theory Duration</b> <b>322:00</b></p> <p><b>Practical Duration</b> <b>486:00</b></p>	<p><b>Unique Equipment Required:</b> Work shop for practical assessment, Toilet/Urinals (Separate for gents and Ladies), 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 Safety helmets, Hand gloves, Safety shoes, Safety harness, Nose mask, Overalls Knee pad, Reflective jackets, Pencil</p>	

Grand Total Course Duration: **808 Hours, 00 Minutes**

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



## Trainer Prerequisites for Job role: “Assistant Paint Inspector” mapped to Qualification Pack: “CON/Q0407, v1.0”

Sr. No.	Area	Details
1	<b>Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “CON/Q0407”.
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-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field
3	<b>Minimum Educational Qualifications</b>	ITI/12 <sup>th</sup> standard pass
4a	<b>Domain Certification</b>	Trainer/Assessor- 70% in each NOS of Qualification Pack “CON/Q0407” & 80% overall , Lead trainer/Lead Assessors- 70% in each NOS of Qualification Pack “CON/Q0407” & 90% overall
4b	<b>Platform Certification</b>	Trainer/Assessor-80% in each NOS of Qualification Pack “MEP/Q0102” or “MEP/Q0104”, Lead trainer/ Lead Assessors- 90% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103”and overall 90%
5	<b>Experience</b>	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/12 <sup>th</sup> pass minimum eight years of field experience and preferably two years of teaching Experience.



## **CRITERIA FOR ASSESSMENT OF TRAINEES**

<b><u>Job Role</u></b>	Assistant Paint Inspector
<b><u>Qualification Pack</u></b>	CON/Q0407
<b><u>Sector Skill Council</u></b>	Construction

### **Guidelines for Assessment**

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the knowledge part will be based on knowledge bank of questions created by Assessment Bodies subject to approval by SSC
3. Individual assessment agencies will create unique question papers for knowledge/theory part for assessment of candidates as per assessment criteria given below
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre 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 NOSs, the trainee is eligible to take subsequent assessment on the balance NOSs 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/N0414: Carry out checks prior to commencement of painting works	PC1. read and understand all specification provided in the relevant drawing for painting and decorating works	100	4	1.5	2.5
	PC2. read and understand manuals, standard technical specification within scope of work		4	1.5	2.5
	PC3. check ambient conditions like air temperature, relative humidity, dew point etc		3	1.5	1.5
	PC4. check that tools and equipment are cleaned, maintained and stored in accordance with manufacturer's specifications and worksite requirements		3	1.5	1.5
	PC5. perform visual checks for safe condition of access and sufficient work space for painting works		4	1.5	2.5
	PC6. check that masonry surface receiving paint is cleaned, sanded prepared as per specification prior to painting		4	1.5	2.5
	PC7. check that putty is applied evenly on the base surface prior to painting works on masonry surfaces		4	1.5	2.5
	PC8. check that corners and crevices are evenly prepared and covered with putty prior to application of paint		4	1.5	2.5
	PC9. check that the thickness of putty is as per shop drawing		4	1.5	2.5
	PC10. check that wooden surface is prepared appropriately as per standards and procedures		3	1.5	1.5
	PC11. check surface contaminant from fabricated surfaces are removed		3	1.5	1.5
	PC12. check that fabricated steel structures/metallic surfaces are prepared in accordance with set standards and procedures		4	1.5	2.5
	PC13. check that no any flux, spatter and surface defects are present on welded pieces prior to painting		4	1.5	2.5
	PC14. inspect evenness of the prepared surface prior to application of paint		4	1.5	2.5
	PC15. mark areas of defect and report to concerned superiors		3	1.5	1.5
	PC16. check for shelf life of primer, putty, paint and other painting ingredients before usage		3	1.5	1.5
	PC17. check that all material is new and disallow containers having broken seal		3	1.5	1.5
	PC18. checks the viscosity of paint as per specification using appropriate tools		3	1	2
	PC19. check that approved quantity of thinner is added to paint mix		3	1	2

	PC20. check that approved colors and colorants are used for paint mix		3	1	2
	PC21. inspect that paint is mixed as per approved colour shape and viscosity		4	1.5	2.5
	PC22. check that tools and equipment are cleaned, maintained and stored in accordance with manufacturer's specifications and worksite requirements		3	1.5	1.5
	PC23. check that spray paint equipment is set up as per set procedures and correct fluid tip, air cap, hoses, filters and tips are fixed appropriately		4	1.5	2.5
	PC24. check that chemicals, coatings, or paints is weighed before loading to machines		3	1	2
	PC25. check that parts such as rollers, guides, brushes, and blades are attached and aligned using hand tool , if required		4	1.5	2.5
	PC26. check that spray paint machine is operated at appropriate temperature, air pressure and circulation		4	1.5	2.5
	PC27. check that nozzles, containers and hoses of machines are cleaned after usage		4	1.5	2.5
	PC28. mark areas of defect and report to concerned superiors		4	1.5	2.5
		<b>Total</b>	<b>100</b>	<b>40</b>	<b>60</b>
CON/N0415: Carry out checks during painting works	PC1. check the consistency of paint prior to application	<b>100</b>	6	2.5	3.5
	PC2. check that specified amount of thinner or additive is used in the paint as per specification		6	2.5	3.5
	PC3. inspect the application of primer on prepared surface		7	2.5	4.5
	PC4. check elapsing of proper drying time prior to application of paint coat		6	2.5	3.5
	PC5. check various paint coats are as per the shop drawings / sketches for the desired level of finishing / decoration		6	2.5	3.5
	PC6. check coat of uniform thickness are applied while painting		6	2.5	3.5
	PC7. check that specified time is elapsed prior to application of subsequent course in multi coat system		6	2.5	3.5
	PC8. check proper positioning of stencil on required surface to produce desired patterns		7	2.5	4.5
	PC9. check that various decorative paint finishes are applied as per specification		6	2.5	3.5
	PC10. period of time elapsed since application of previous coat in multi coat systems		7	2.5	4.5
	PC11. check application of paints and varnish on wooden surfaces as per specifications		6	2.5	3.5

	PC12. check application of overlapping technique and maintenance of specified distance for spray painting operations		7	2.5	4.5
	PC13. check for proper coverage of paint at corners and crevices		6	2.5	3.5
	PC14. record the start time and finish time		6	2.5	3.5
	PC15. measure the wet film thickness of paint film using specified gauges		6	2.5	3.5
	PC16. mark areas of defect and report to concerned superiors		6	2.5	3.5
	<b>Total</b>		<b>100</b>	<b>40</b>	<b>60</b>
CON/N0416: Carry out checks after completion of painting works	PC1. measure dry film thickness (DFT)for painting works	<b>100</b>	14	5.5	8.5
	PC2. check for evenness of paint in well-lit condition		14	5.5	8.5
	PC3. check the opacity of paint film		14	5.5	8.5
	PC4. carry out NDT testing of painted surface using various gauges and		15	6.5	8.5
	PC5. check the painted surface thoroughly for defects		14	5.5	8.5
	PC6. diagnose the painting problem and point out defects such as orange peel, blushing, fade, spotting and water marks, discoloration, chalking, cracks, seeds ,runs, fish eyes (beads), blemished metallic finish, pin holes, abrasive marks, peeling, putty marks, blisters & shrinkage		14	5.5	8.5
	PC7. mark areas of defect and report to concerned superiors		15	6	9
	<b>Total</b>		<b>100</b>	<b>40</b>	<b>60</b>
CON/N9002: Manage workplace for safe and healthy work environment	PC1. ensure proper housekeeping at workplace	<b>100</b>	5	2	3
	PC2. implement safe handling , stacking methods at workplace / store		5	2	3
	PC3. insure that health and safety plan is followed by all subordinates		5	2	3
	PC4. identify any hazard in workplace and notify them to appropriate authority		5	2	3
	PC5. ensure that all safety and protection installation are correctly placed & adequate		5	2	3
	PC6. ensure safe access is available at work place for movement of workers & materials		5	2	3
	PC7. ensure safe use of tools and tackles by the workmen as per applicability		5	2	3
	PC8. ensure appropriate use of following Personal Protective Equipment (PPE) as per applicability: <ul style="list-style-type: none"> <li>Head Protection (Helmets)</li> </ul>		10	4	6

<ul style="list-style-type: none"> <li>• Ear Protection</li> <li>• Fall Protection</li> <li>• Foot Protection</li> <li>• Face and Eye Protection,</li> <li>• Hand &amp;Body Protection</li> <li>• Respiratory Protection</li> </ul>				
PC9. maintain entrances & exit from confined spaces , excavated pits and other location in concurrence with safety parameters or instruction form safety personals.		5	2	3
PC10. ensure organizational policies and procedures are followed for health , safety and welfare, in relation to: <ul style="list-style-type: none"> <li>• methods of receiving or sourcing information</li> <li>• dealing with accidents and emergencies associated with the work and environment</li> <li>• reporting</li> <li>• stooping work</li> <li>• evacuation</li> <li>• fire risks and safe exit procedures</li> </ul>		10	4	6
PC11. follow procedures for accident recording and reporting as per organizational and statutory requirements		5	2	3
PC12. ensure effective adherence to response to emergency procedures / protocols		7.5	3	4.5
PC13. report any case of emergency / risks to the concern people at the construction site		7.5	3	4.5
PC14. report any perceived risk hazards to the superiors / concerned EHS		7.5	3	4.5
PC15. demonstrate the use of fire protection equipments for different type of fire hazard		7.5	3	4.5
PC16. implement control measures to reduce risk & meet legal requirement as per organizational policies		5	2	3
	<b>Total</b>	<b>100</b>	<b>40</b>	<b>60</b>