



Model Curriculum

1. Decorative Painter

SECTOR: PAINTS AND COATINGS
SUB-SECTOR: APPLICATION
OCCUPATION: DECORATIVE APPLICATION
REF ID: PCS/Q5002, V1.0
NSQF LEVEL: 4



PAINTS AND
COATINGS
SKILL COUNCIL



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

PAINTS AND COATINGS SKILL COUNCIL

for

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: **'Decorative Painter'** QP No. **'PCS/Q5002 NSQF Level 4'**

Date of Issuance: **July 27th, 2017**

Valid up to*: **July 31st, 2019**

*Valid up to the next review date of the Qualification Pack or the
'Valid up to' date mentioned above (whichever is earlier)



Authorised Signatory
(Paints and Coatings Skill Council)

TABLE OF CONTENTS

1. Curriculum	01
2. Trainer Prerequisites	08
3. Annexure: Assessment Criteria	09

Decorative Painter

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Decorative Painter”, in the “Paints and Coatings” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Decorative Painter		
Qualification Pack Name & Reference ID. ID	PCS/Q5002, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	5 th Standard. Minimum preferable 3 years experience as Painting Helper.		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Know about the sector: Discuss the Paints and Coatings sector in India and its sub-sectors • Know about Painting: What is Decorative/Metal/Wood Coating; its benefits and features • Know about the different types of paint and coating finishes and its suitability for various surfaces and weather conditions • New trends in painting and different products available in the market. • Inspect the substrate to be painted. Check the surface, moisture content, identify any flaws in the surface and identify if the surface has been previously painted. • Estimate the time, material and equipment required. • Prepare the surface for painting. Clean the surface with sand paper to remove old paint, grease, etc. • Fill holes and dents with recommended fillers/ putty and sand the surface to the desired smoothness. • Wipe off the surface, mask with a tape any parts of the surface that need not be painted. • Apply primer on the prepared surface, in the required quantity. • Mix and prepare the paint by mixing the base, hardener (if recommended) and thinner as recommended by the manufacturer. • Apply a primer surfacer coat or topcoat, as recommended, to achieve the desired appearance. • Apply a texture finish/ design using hand tool or stencil. • Demonstrate how to apply the paint on the prepared surface, using either a brush/ roller or a spray gun. • Execute tasks such as correct application with a spray gun, curing the article appropriately to achieve desired finish • Understand excellence in painting/ coating: Recognise good quality finish and identify defects • Have knowledge of causes of common application defects and its rectification • Comply with statutory requirements 		

	<ul style="list-style-type: none">• Maintain tools, equipment and materials required: Identification and handling of tools and materials• Demonstrate various skills: Performance of behavioural, professional, technical and communication skills• Understand safety: Work in a safe manner without endangering your health and that of your colleagues• Significance of the maintaining the work area clean• Safe disposal of waste and residual consumables as per recommendation.
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> Assess the quality of surface to be painted. Check the surface to be painted for any flaws/ defects. Rectify/ inform the customer to get it rectified, before commencing painting Inspect the surface for any old paint, oil, grease etc. Determine the time and effort required for preparing, coating and finishing the surface, by measuring the area to be painted and inform the customer. Calculate and estimate the material, tools and equipment required to complete the work as per the schedule. Agree on advance and post job payment schedule. 	
3	<p>Paint the wall and/ or doors and window surface manually</p> <p>Theory Duration (hh:mm) 28:00</p> <p>Practical Duration (hh:mm) 52:00</p> <p>Corresponding NOS Code PCS/N5004</p>	<ul style="list-style-type: none"> Clean and sand the surface with recommended sand paper to remove old paint/ coating, grease, etc. Sand the surface to the required smoothness as per the manufacturer/ company's recommendation. Wipe off dust or residue from the surface, mask areas of the surface not requiring paint/ coating, with a masking tape. Apply primer on the prepared surface as per manufacturer/ company's recommendations. Mix putty and primer as recommended and apply to fill holes/ dents on the surface. Sand the surface to the required smoothness. Mix and prepare the paint, by adding the paint, hardener (in case of 2K systems) and thinner in the ratio recommended by the manufacturer. Apply paint on the surface with a brush/ roller/ manual spray gun to achieve the recommended dry film thickness and appearance. 	<p>Laptop, white board, marker, projector</p> <p>Spray booth/ painting area Sand paper and cotton rag. Putty and Primer, with appropriate hardener and thinner (if required). Brush Spray gun Stirrer Topcoat paint Test instruments PPE's Goggles Solvent Mask Hand Gloves Protective Coverall Safety shoes Ear plugs</p>
4	<p>Paint the wall and/ or doors and window surface using machines</p> <p>Theory Duration (hh:mm) 25:00</p> <p>Practical Duration (hh:mm) 52:00</p>	<ul style="list-style-type: none"> Understand and use the sanding machine/ rotary sander and understand its operation. Understand and use multipurpose mixer for putty and texture coatings. Mix at regulated speed as specified by the manufacturer. Understand and use high pressure washers to clean the surface. Apply primer and paint using an auto brush/ roller or an airless spray gun. 	<p>Laptop, white board, marker, projector</p> <p>Rotary sander/ sanding machine. Putty mixer High pressure washer Auto brush/ roller Airless spray gun and accessories.</p>



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Corresponding NOS Code PCS/N5005		
6	Co-ordinate with colleagues and/or customers Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 04:00 Corresponding NOS Code PCS/N9901	<ul style="list-style-type: none"> • Understand customer requirements and specifications • Learn about various performance indicators, meaning of targets and timelines and how to communicate about these with your colleagues and customers • Learn appropriate behavioural skills whilst dealing with colleagues/co-workers • Learn how you can contribute to improving customer satisfaction 	Laptop, white board, marker, projector
7	Maintain standards of product / service quality Theory Duration (hh:mm) 12:00 Practical Duration (hh:mm) 10:00 Corresponding NOS Code PCS/N9902	<ul style="list-style-type: none"> • Learn about quality requirements for paint application process • Understand how quality is defined, various tests and their acceptance criteria, and how standards can be achieved • Learn about various equipment used for quality tests and how to use them • Learn to meet and exceed quality requirements of a customer 	Laptop, white board, marker, projector
8	Maintain OH&S standards and follow environmental standards Theory Duration (hh:mm) 06:00 Practical Duration (hh:mm) 16:00 Corresponding NOS Code PCS/N9903	<ul style="list-style-type: none"> • Learn about health hazards of chemicals used in paint application process as well as paint materials • Learn the use and importance of personal protective equipment • Learn to handle chemical, paint, tools and equipment in a safe manner • Minimising risks of inhalation injury • Become aware of hazards in paint application process and how to prevent/eliminate them • Understand methods and precautions to be taken for safe disposal of waste generated in the coating process • Learn about safety signs in a plant environment and how to interpret and adhere to them 	Laptop, white board, marker, projector
	COMPULSORY NOS: Total Duration	Unique Equipment Required: First aid kit	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Theory Duration 96:00 Practical Duration 144:00		

OPTIONS (Optional to choose any or all or none)

OPTION 1: Texture Painter

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	Paint the wall texture using hand tools or stencil Theory Duration (hh:mm) 24:00 Practical Duration (hh:mm) 76:00 Corresponding NOS Code PCS/N5002	<ul style="list-style-type: none"> Use stencil to evenly create patterns on the wall, as agreed with the customer. Use hand tools with coordinated motion and even pressure to create patterns of equal texture. Discuss the different methods for application and texture pattern formation – brush and spray, hand tools and stencil. Relative merits and demerits of the above different methods of application 	Laptop, white board, marker, projector Spray booth/ painting area Sand paper and cotton rag. Putty, primer, topcoat and texture coat, with appropriate hardener (if required) and thinner. Brush, Roller, Spray gun, Stencil, hand tools Stirrer Test instruments PPE's Goggles Solvent Mask Hand Gloves Protective Coverall Safety shoes Ear plugs

	GRAND Total Duration Minimum Duration for the QP= <u>240 hrs</u> Theory: 96 hrs Practical: 144 hrs Maximum Duration for the QP= 340 hrs Theory: 120 hrs Practical: 220 hrs	Unique Equipment Required for the QP: First aid kit	
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------	--

(This syllabus/ curriculum has been approved by Paints and Coatings Skill Council)

Trainer Prerequisites for Job role: “Decorative Painter” mapped to Qualification Pack: “PCS/Q5002, v1.0”

Sr. No.	Area	Details
1	Description	A Decorative Painter is an individual who inspects the surface, prepares and cleans it and then applies the primer and finishing or top coat using appropriate tools, coatings and paints, in order to achieve the desired finish, either manually or using machines. He also creates the desired texture/ design finish as per customer’s requirement, using stencil or hand tools.
2	Personal Attributes	A Decorative Painter should be able to undertake physical labour; work in a paint-redolent environment, have good eye sight with no colour blindness, have good hand-eye coordination and an ability work in all weather conditions.
3	Minimum Educational Qualifications	12 th standard
4a	Domain Certification	Certified for Job Role: “ <u>Decorative Painter</u> ” mapped to QP: “ <u>PCS/Q5002, v1.0</u> ”. Minimum accepted score is 80%
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	2 year experience of paint industry.



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
1. PCS/N5001: Manage interaction with customer during painting	PC1. visit customer's site, home or business premises as scheduled	50	2	0.5	1.5
	PC2. note down the customer's painting service requirement		2	0.5	1.5
	PC3. understand customer's preferences and expectations wrt colour, finish, type of paint such as water-based paint, solvent-based paint, low-volatile organic compound (VOC) paint, etc.		2.5	0.5	2
	PC4. Understand the customer's requirement of type of texture/ design to be painted		2.5	0.5	2
	PC5. understand the customer's budget		2	0.5	1.5
	PC6. understand the customer's concern regarding conduct during painting at his premises		3	1	2
	PC7. understand the customer's preference for sequence of painting different area of the premises		3	1	2
	PC8. understand the expectation of maintaining discipline, cleanliness and hygiene during painting		2	0.5	1.5
	PC9. show shade cards, texture paint booklets to demonstrate the colour combinations, finish and texture.		2	0.5	1.5
	PC10. demonstrate new designs or design modifications, if necessary		2	0.5	1.5
	PC11. assess the surface to be painted		2	0.5	1.5
	PC12. inform if any pre-treatment needs to be done by the customer prior to starting the paint work such as water-proofing, pest control, etc.		2	0.5	1.5
	PC13. check for any damage to the surface that the painting process cannot rectify		2	0.5	1.5
	PC14. make the customer aware of the consequences of not doing the required pretreatment, e.g., flaking, bubble formation, poor smoothness, etc.		2	0.5	1.5
	PC15. check the level of paint, dust, grease or grime to be removed while preparing the surface		3	0.5	2.5
	PC16. assess the time and effort required for preparing the surface, coating and finishing		3	0.5	2.5
	PC17. measure dimensions of the area to be painted		3	0.5	2.5
	PC18. calculate tools, material, chemicals and equipment requirements for the job		3	0.5	2.5
	PC19. respond to customers' queries and concerns		2	0.5	1.5



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC20. mutually agree with the customer on job completion date, and total amount (including taxes) payable		2	0.5	1.5
	PC21. agree on the advance payment, payment against specific jobs completed and post work payment		3	1	2
	Total		50	12	38
2. PCS/N5004: Paint the wall and/or doors and window surface manually	PC1. sand the surface with sand paper to remove any paint, grease, dust, etc.	50	4	1.5	2.5
	PC2. sand the surface to a required smoothness level as per company's standards		4	1.5	2.5
	PC3. wipe-off the dust or residue from the surface		4	1.5	2.5
	PC4. mask with a tape any parts or other surface that need not be painted		4	1.5	2.5
	PC5. clean with cloth or water as per instructions		4	1.5	2.5
	PC6. check suitability of the prepared surface for the type of paint finish desired		5	1	4
	PC7. apply primer on the surface in the required quantity and as per company's standards		5	1	4
	PC8. mix putty/ primer, paint, thinner and hardener (if required as per company's standards) as per instructions of paint manufacturer		6	2	4
	PC9. apply paint on the surface with brush/roller/ spray gun as per company's standards or manufacturer's recommendations		6	2	4
	PC10. apply paint topcoat on the surface as per company's standards		4	1.5	2.5
	PC11. finish the surface as per customer's requirement or company's standards		4	1.5	2.5
	Total		50	16.5	33.5
3. PCS/N5005: Paint the wall using machine	PC1. use sanding machine and its knob controls	50	7	2	5
	PC2. use multipurpose mixer for putty and texture mixing at regulated speeds as specified by the company		7	2	5
	PC3. wash the surface using high pressure washer		7	2	5
	PC4. achieve a smooth surface suitable for superior finish		7	2	5
	PC5. mix paint, thinner and hardener as per company standards		8	3	5
	PC6. apply primer or paint using auto roller, air assisted or airless spray gun		7	2	5
	PC7. apply water based primer and water based topcoat using airless spray gun		7	2	5
	Total		50	15	35



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
4. PCS/N9901: Coordinate with colleagues and/or customers	PC1. receive job order and instructions from reporting superior	50	0.5	0.0	0.5
	PC2. understand the work output requirements, targets, performance indicators and incentives		2.0	0.5	1.5
	PC3. deliver quality work on time and report any anticipated reasons for delays		2.0	0.5	1.5
	PC4. escalate unresolved problems or complaints to the relevant senior		2.0	0.5	1.5
	PC5. communicate maintenance and repair schedule proactively to the superior		2.0	0.5	1.5
	PC6. receive feedback on work standards		1.0	0.0	1.0
	PC7. document the completed work schedule and handover to the superior		2.0	0.5	1.5
	PC8. exhibit trust, support and respect to all the colleagues in the workplace		1.0	0.25	0.75
	PC9. aim to achieve smooth workflow		2.0	0.5	1.5
	PC10. help and assist colleagues with information and knowledge		1.0	0.0	1.0
	PC11. seek assistance from the colleagues when required		1.0	0.25	0.75
	PC12. identify the potential and existing conflicts with the colleagues and resolve		1.0	0.25	0.75
	PC13. pass on essential information to colleagues on timely basis		1.0	0.0	1.0
	PC14. maintain work etiquette, use polite language, demonstrate responsible and disciplined behaviour with colleagues		2.0	0.5	1.5
	PC15. interact with colleagues from different functions clearly and effectively to understand the nature of their work and work effectively as a team		1.0	0.25	0.75
	PC16. put team over individual goals and multi task or share work where necessary supporting the colleagues		2.0	0.0	2.0
	PC17. highlight any errors of colleagues, help to rectify and ensure quality output		1.0	0.25	0.75
	PC18. work with cooperation, coordination, communication and collaboration, with shared goals and supporting each other's performance		1.0	0.0	1.0
	PC19. ask relevant questions to the customers and identify their needs		1.0	0.25	0.75
	PC20. possess adequate knowledge on the product, services and market		2.0	0.5	1.5
	PC21. brief the customers clearly on potential costs and hazards		1.0	0.25	0.75
	PC22. communicate with the customers in a polite, professional and friendly manner		1.0	0.25	0.75



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC23. build effective but impersonal relationship with the customers		0.5	0.25	0.25
	PC24. ensure that appropriate language and tone are used with customers		1.0	0.25	0.75
	PC25. listen actively and have a two-way communication		1.0	0.25	0.75
	PC26. be sensitive to the gender, cultural and social differences such as modes of greeting, formality, etc.		1.0	0.25	0.75
	PC27. understand the customer expectations correctly and provide appropriate products and services		2.0	0.5	1.5
	PC28. understand customer's dissatisfaction and address or escalate their complaints effectively		2.0	0.5	1.5
	PC29. maintain a positive, sensible and cooperative manner all time		1.0	0.25	0.75
	PC30. ensure a proper body language, dress code, gestures and etiquettes towards the customers		1.0	0.25	0.75
	PC31. avoid interrupting the customers while they talk		1.0	0.0	1.0
	PC32. avoid negative questions and statements to the customers		1.0	0.0	1.0
	PC33. inform the customers on any issues or problems before hand and on the developments involving them		2.0	0.5	1.5
	PC34. respond promptly to customer's voice messages, e-mails, apps, etc.		1.0	0.0	1.0
	PC35. develop good rapport with the customers and promote other products and services		2.0	0.5	1.5
	PC36. seek feedback from the customers on their understanding to what was discussed		1.0	0.0	1.0
	PC37. explain the terms and conditions clearly		2.0	0.5	1.5
	Total		50	10	40



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
5. PCS/N9902: Maintain standards of product/ service quality	PC1. keep in mind the profiles of expected customers	50	2.0	0.5	1.5
	PC2. understand the target customers and their product/ service quality requirements as defined by the company		3.0	0.5	2.5
	PC3. receive superior's/ customer feedback regularly		2.0	0.0	2.0
	PC4. aim to build a good connect with the customers through quality product/ service		2.0	0.5	1.5
	PC5. keep tab through frequent discussions with regular customers on general customer preferences in the market, latest trends, customer expectations, etc.		2.0	0.5	1.5
	PC6. receive updates on regular feedbacks from the clients on current service, complaints, and improvements to be made, etc.		2.0	0.5	1.5
	PC7. seek customer rating of product/ service to help improve procedures	50	2.0	0.5	1.5
	PC8. demonstrate quality orientation at all levels		4.0	1.5	2.5
	PC9. aim to gain long lasting customer loyalty through satisfaction		3.0	1.0	2.0
	PC10. ensure 100% customer satisfaction via product/ service quality		3.0	0.5	2.5
	PC11. treat the customers fairly and with due respect		3.0	0.5	2.5
	PC12. focus on executing company's marketing strategies and product development needs		3.0	1.0	2.0
	PC13. focus on enhancing brand value of company by maintaining or enhancing quality standards		3.0	1.0	2.0
	PC14. ensure that customer expectations are met		2.0	0.5	1.5
	PC15. learn to read customers' needs and wants		2.0	0.5	1.5
	PC16. willingly accept and implement new and innovative products and services that help improve customer satisfaction		3.0	1.0	2.0
	PC17. communicate feedback of customer to senior, especially, the negative feedback		2.0	0.5	1.5
	PC18. maintain close contact with the customers and focus groups		2.0	0.5	1.5
	PC19. offer promotions to improve product satisfaction level to the customers periodically		3.0	1.0	2.0



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC20. weigh the cost of fulfilling unscheduled customer requests, consult with senior and advise the customer on alternatives		2.0	0.5	1.5
	Total		50	13	37
6. PCS/N9903: Maintain O&HS standards and follow environmental norms	PC1. assess the various health, safety and environmental hazards in the work areas	50	1.5	0.4	1.1
	PC2. take steps to eliminate or minimize the hazards		1.0	0.4	0.6
	PC3. analyse the causes of accidents at the workplace		1.5	0.4	1.1
	PC4. suggest measures to prevent such accidents from taking place		1.5	0.4	1.1
	PC5. take preventive measures to avoid risk of burns and other injury due to contact with hot surfaces, gas, fire, hot fluids/ liquids, etc.		1.5	0.4	1.1
	PC6. suggest methods to improve the existing safety procedures at the workplace		1.5	0.4	1.1
	PC7. dispose waste in the designated areas safely as per company's policies and rules		1.5	0.4	1.1
	PC8. maintain appropriate ventilation in the rooms while there is more exposure to paint vapours		1.0	0.4	0.6
	PC9. avoid dumping unused cans to safeguard the environment		1.0	0.0	1.0
	PC10. stay aware of the locations of fire extinguishers, emergency exits, etc.		1.0	0.4	0.6
	PC11. practice correct emergency procedures		1.5	0.4	1.1
	PC12. check and review the storage areas frequently		1.5	0.4	1.1
	PC13. stack items in an organized way and use safe lifting techniques to reduce risk of injuries while handling materials		1.5	0.4	1.1
	PC14. handle materials, tools, acids, chemicals, equipment, etc. safely		1.0	0.4	0.6
	PC15. store the chemicals and acids in well-ventilated and locked areas with warning signs displayed		1.5	0.4	1.1
	PC16. adopt safe techniques while moving furniture and fixtures		1.5	0.4	1.1
	PC17. avoid risk of injury from use of electrical tools		1.5	0.4	1.1
	PC18. read the manufacturer's manual carefully before use of any equipment		1.0	0.0	1.0



Assessable Outcome	Assessment Criteria	Total Mark (300)	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC19. unplug the electrical equipment before performing maintenance		1.0	0.4	0.6
	PC20. keep the floors free from oil, water and grease to avoid slippery surface		1.0	0.4	0.6
	PC21. use rubber mats in the places where floors are constantly wet		1.0	0.0	1.0
	PC22. avoid injuries while handling sharp hazardous tools and equipment		1.5	0.4	1.1
	PC23. use flat surfaces, secure holding and protective wear while using such sharp tools		1.5	0.4	1.1
	PC24. use health, safety and environmental protection practices for storing, cleaning, and maintaining tools, equipment, and supplies		1.5	0.4	1.1
	PC25. practice ergonomic lifting and bending techniques while moving equipment and supplies		1.5	0.4	1.1
	PC26. identify the requirement for maintaining environmental norms		1.0	0.4	0.6
	PC27. comply with the environmental safety norms while on work to prevent accidents and health hazards		1.0	0.4	0.6
	PC28. follow company policies and rules regarding use of hazardous materials to avoid adverse health, safety and environmental impacts		1.0	0.4	0.6
	PC29. ensure the employees have access to first aid kit when needed		1.0	0.0	1.0
	PC30. ensure all equipment and tools are stored and maintained properly and safe for use		1.0	0.4	0.6
	PC31. always use personal protective equipment and safety gear such as gloves, mask, headwear, footwear, glasses, goggles, etc. for specific tasks and work conditions where required		1.5	0.4	1.1
	PC32. display safety signs where required to warn co-workers and others		1.5	0.4	1.1
	PC33. ensure electrical precautions such as insulated clothing, adequate equipment insulation, dry work area, switch off the power supply when not required, etc.		1.5	0.4	1.1
	PC34. ensure availability of general health and safety equipment such as fire extinguishers, first aid equipment, safety equipment, clothing, safety installations such as fire exits, exhaust fans, etc.		1.5	0.4	1.1

