



Model Curriculum

1. Painting Helper

SECTOR: PAINTS AND COATINGS
SUB-SECTOR: APPLICATION
OCCUPATION: DECORATIVE APPLICATION
REF ID: PCS/Q5005, V1.0
NSQF LEVEL: 2



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: **'Painting Helper'** QP No. **'PCS/Q5005 NSQF Level 2'**

Date of Issuance: July 03rd, 2017

Valid up to*: June 30th, 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)



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Painting Helper

CURRICULUM / SYLLABUS

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

Program Name	Painting Helper		
Qualification Pack Name & Reference ID. ID	PCS/Q5005, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	5 th Standard		
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/Wood/Industrial Coating; its benefits and features • Know about the different types of paint and varnish finishes and its suitability for various surfaces and weather conditions • New trends in painting and different products available in the market. • Understand and follow the instructions of the painter/supervisor. • Identify and select the relevant painting materials and tools for the various substrates and application methods. • Handle and store materials based on its properties and use. • Assist the painter by masking areas not to be painted, removing wall fixtures, covering the furniture and floor. • Inspect the substrate to be coated/ painted. Check the surface, moisture content, identify any flaws in the surface and identify if the surface has been previously painted. • 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. • Apply primer on the prepared surface, in the required quantity. • Mix the base, hardener and thinner or prepare the paint for application, as recommended by the manufacturer. • Have knowledge of causes of common application defects and its rectification • Comply with statutory requirements • 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 		

	<ul style="list-style-type: none">• Safe disposal of waste and residual consumables as per recommendation.
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This course encompasses 4 out of 4 **Compulsory** NOS (National Occupational Standards) of “Painting Helper” Qualification Pack issued by “Paints and Coatings Skill Council”.

COMPULSORY NOS:

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) 00:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Understand General Discipline in the class room (Do's & Don'ts) Understand the scope of the Paints and Coatings sector in India with its sub sectors Understand the Architectural/ Decorative Coating segment Understand the role of a Painting Helper in the industry Advantages and benefits and features of different coatings as well as its shortcomings Learn and Practice Basic skills of communication 	Laptop, white board, marker, projector
2	<p>Assist in the painting process</p> <p>Theory Duration (hh:mm) 66:00</p> <p>Practical Duration (hh:mm) 114:00</p> <p>Corresponding NOS Code PCS/N5012</p>	<ul style="list-style-type: none"> Understand what are the different types of coatings for different substrates, their characteristics and where they are used Compare and explain differences between different types of paints/ coating. Understand the components of a paint/ coating and paint chemistry Learn basics of paints/ coatings manufacture Identify the different paint materials relevant for the type of substrate to be painted. Identify and select the relevant tools for the application. Handle, store and stack material depending on its composition, properties and manufacturer's recommendations. Understand and describe different finish and specifications for masonry, steel and surfaces. Inspect the substrate for any old paint, oil, grease etc. Wipe off dust or residue from the surface, mask any parts of the surface not requiring paint/ coating with a masking tape. Clean and sand the surface with recommended sand paper to remove old paint/ polish, grease, etc. Remove all wall hangings, fixtures and move and cover all furniture and exposed floor. Mix and prepare the putty, primer and paint, by adding thinner and hardener (if 	Laptop, white board, marker, projector, first aid kit. Different types of surface used for painting. Moisture content measuring meter



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 06:00 Practical Duration (hh:mm) 16:00 Corresponding NOS Code PCS/N9903	<ul style="list-style-type: none"> Learn to handle chemical, paint materials, tools and equipment in a safe manner Minimising risks of inhalation injury Become aware of hazards in the coating 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 	
	COMPULSORY NOS: Total Duration Theory Duration 96:00 Practical Duration 144:00	Unique Equipment Required: First aid kit	
	GRAND Total Duration Minimum Duration for the QP= <u>240 hrs</u> Theory: 96 hrs Practical: 144 hrs Maximum Duration for the QP= 240 hrs Theory: 96 hrs Practical: 144 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: “Painting Helper” mapped to Qualification Pack: “PCS/Q5005, v1.0”

Sr. No.	Area	Details
1	Description	A Painting Helper is an individual who follows instructions of the painter and assists in: shifting furniture or equipment, handling materials and tools, masking, preparing the surface, applying the coats, disposing of waste and cleaning post painting.
2	Personal Attributes	A Painting Helper should be able to undertake physical labour; work in a paint-redolent environment, have good eye-sight and no colour blindness and work in all types of weather conditions.
3	Minimum Educational Qualifications	12 th standard
4a	Domain Certification	Certified for Job Role: “Painting Helper” mapped to QP: “PCS/Q5005, v1.0”. 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 in the paint industry.



Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Painting Helper
Qualification Pack	PCS/Q5005, v1.0
Sector Skill Council	Paints and Coatings

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2	The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion
5	To pass the Qualification Pack, every trainee should score a minimum of 60% in aggregate and in each NOS
6	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.

Assessable outcome	Assessment Criteria	Total Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
1. PCS/N5012: Assist in the painting process	PC1. understand given instructions	50	1.5	0.5	1
	PC2. follow given instructions		1.5	0.5	1
	PC3. assist spontaneously and perform tasks as instructed		1.5	0.5	1
	PC4. identify and select painting materials relevant for work such as various type of paints, thinners, primers, putty, sand papers, etc.		2.5	0.5	1
	PC5. classify materials on the basis of their type and use		2.0	0.5	1.5
	PC6. identify and select tools relevant for work such as sanders, spreaders, buffers, brush, rollers, spray guns etc		3	1	2
	PC7. deliver, place and store paints and painting materials		3	1	2
	PC8. handle and place painting tools and equipment		3	1	2
	PC9. stack materials depending on their properties and as per company's standards		3	1	2
	PC10. identify and mask areas not to be painted		3	1	2
	PC11. remove all wall hangings and fixtures and store safely		3	1	2



Assessable outcome	Assessment Criteria	Total Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
	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
	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



Assessable outcome	Assessment Criteria	Total Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC29. maintain a positive, sensible and cooperative manner all time		1.0	0.25	0.75
	PC30. ensure 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 also 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 Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
3. 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 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



Assessable outcome	Assessment Criteria	Total Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
	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 to 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
	PC35. document all the first aid treatments, inspections, etc., conducted to keep track of the safety measures undertaken		1.0	0.4	0.6
	PC36. document all the environmental hazards caused and the measures undertaken to comply with the		1.0	0.0	1.0



Assessable outcome	Assessment Criteria	Total Marks (200)	Out Of	Marks Allocation	
				Theory	Skills Practical
	established safety procedures of the workplace				
	PC37. report to the supervisor on any problems and hazards identified and any breach of environmental procedures.		1.0	0.4	0.6
	PC38. work at all times towards achieving zero accident at workplace		1.0	0.4	0.6
	PC39. adhere to safety standards and ensure no material damage		1.0	0.4	0.6
	PC40. take necessary action and correct any environmental hazards caused		1.0	0.4	0.6
	Total		50	14	36
Grand Total		200	200	53	147
Percentage Weightage		200		26.50%	73.50%
Minimum Pass % to qualify (per NOS and aggregate)			60%		