



Model Curriculum

QP Name: Painting Helper

QP Code: PCS/Q5005

QP Version: 2.0

NSQF Level: 2

Model Curriculum Version: 1.0

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Painting Helper (PCSC)



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Training Parameters

Sector	PAINTS AND COATINGS
Sub-Sector	Application
Occupation	Decorative and Industrial Paint Application
Country	India
NSQF Level	2
Aligned to NCO/ISCO/ISIC Code	NCO 2015 - 7132.0900
Minimum Educational Qualification and Experience	Basic Literacy and Numeracy
Prerequisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	31/03/2022
Next Review Date	31/03/2025
NSQC Approval Date	31/03/2022
Version	2.0
Model Curriculum Creation Date	31/03/2022
Model Curriculum Valid Up to Date	31/03/2025
Model Curriculum Version	1.0
Minimum Duration of the Course	300 Hours, 0 Minutes
Maximum Duration of the Course	300 Hours, 0 Minutes



Program Overview

This section summarises the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills

- Explain the nature of work across the Paints and Coatings industry, the various subsectors, and their evolution.
- Identify the role and responsibilities of a Painting Helper.
- Discuss the different types of paints, varnishes for different substates.
- Identify , select, handle and store materials, tools and equipment safely.
- Explain how to assist the painter/ supervisor in masking and covering areas not required to be painted.
- Discuss how to carry out surface preparation of different substrates for painting, under the guidance of the painter/ supervisor.
- Discuss the preparation of the paint/s for application following the painter/ supervisor's instructions.
- Demonstrate how to clean the tools and equipment after use.
- Discuss how to dispose off waste and discarded materials complying with current health, safety and environmental policies and procedures.
- Discuss a plan of learning and development activities to address learning needs with appropriate people.

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
PCS/N5012 – Assist in the painting process. NOS Version No. 2.0 NSQF Level 2	74:00	106:00	00:00	00:00	180:00
Module 1 - Introduction to the sector and the job role of Painting Helper	04:00	00:00	00:00	00:00	04:00
Module 2 – Select, handle and store materials and painting tools and equipment	24:00	36:00	00:00	00:00	60:00
Module 3 – Assist the painter/ supervisor in preparation, painting and post painting clean up	46:00	70:00	00:00	00:00	116:00
PCS/N9901 – Co-ordinate with Colleagues and Customers NOS Version No. 2.0 NSQF Level 4	10:00	20:00	00:00	00:00	30:00



Module 4 - Coordinate with supervisors, colleagues, and customers	10:00	20:00	00:00	00:00	30:00
PCS/N9902 – Maintain Standards of Product/ Service Quality NOS Version No. 2.0 NSQF Level 4	10:00	20:00	00:00	00:00	30:00
Module 5 - Achieve customer satisfaction for given quality	10:00	20:00	00:00	00:00	30:00
PCS/N9903 – Maintain OH&S Standards and Follow Environmental Norms NOS Version No. 2.0 NSQF Level 4	10:00	20:00	00:00	00:00	30:00
Module 6 – Achieve health, safety, and environmental Standards	10:00	20:00	00:00	00:00	30:00
DGT/VSQ/N0101 – Employability Skills (30 hours) NOS Version No. 1 NSQF Level 2	12:00	18:00	00:00	00:00	30:00
Module 7 – Introduction to Employability Skills	00:50	00:50	00:00	00:00	01:00
Module 8 – Constitutional Values – Citizenship	00:50	00:50	00:00	00:00	01:00
Module 9 – Becoming a Professional in the 21st century	00:50	00:50	00:00	00:00	01:00
Module 10 – Basic English Skills		01:50	00:00	00:00	02:00
Module 11 – Communication Skills	01:50	02:50	00:00	00:00	04:00
Module 12 – Diversity and Inclusion	00:50	00:50	00:00	00:00	01:00
Module 13 – Financial and Legal Literacy	02:00	02:00	00:00	00:00	04:00
Module 14 – Essential Digital Skills	O1:00	02:00	00:00	00:00	03:00
Module 15 – Entrepreneurship	03:00	04:00	00:00	00:00	07:00
Module 16 – Customer Service	01:50	02:50	00:00	00:00	04:00
Module 17 – Getting ready for apprenticeship and jobs	00:50	01:50	00:00	00:00	02:00
Total Duration	116:00	184:00	00:00	00:00	300:00



Module Details

Module 1: Introduction to the sector and the job role of Painting Helper Mapped to NOS PCS/N5012 v2.0

Terminal Outcomes:

- Discuss the Paints and Coatings sector in India.
- Identify the role and responsibilities of a Painting Helper.

Duration: 04:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss in brief, the role and the importance of the Paints and Coatings industry in India. List the various sub-sectors and occupations in the Paints and Coatings sector. Discuss the decorative product range available in India. Discuss in brief, the current and future trends in the Paints and Coatings sector. Describe the skills and competencies required for a Painting Helper. Define the role and the career progression chart of a Painting Helper. 	
Classroom Aids:	
Laptop, Whiteboard, Marker, Projector	



Module 2: Select, handle and store materials and painting tools and equipment. Mapped to NOS PCS/N5012 v2.0

Terminal Outcomes:

- Identify the different materials, tools and equipment for preparation and painting.
- Explain how to handle and store the materials, tools and equipment safely under supervision.

Duration: 24:00	Duration: 36:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
 Explain how to identify the materials, finishes, tools and equipment for the job, as per the instructions of the painter/ supervisor. Explain how to assist the painter/ supervisor in inspection of the surface. Discuss how to support the painter/ supervisor in measuring the painting area. Discuss the procedure for storage of the paint materials and paint application tools and equipment. 	painting surface.	
Classroom Aids:		
Laptop, Whiteboard, Marker, Projector, Tools for learning activities – Intranet, Email, IMs, Learning Management System (for example, Moodle, Blackboard, etc.) to enable blended learning		
Tools, Equipment and Other Requirements		
	ape, Moisture meter, Safety mask, Masking tape, tive Equipment, Paint brushes, Rollers, Spray	



Module 3: Assist the painter/ supervisor in preparation, painting and post painting clean up. Mapped to NOS PCS/N5012 v2.0

Terminal Outcomes:

- Demonstrate how to assist the painter/ supervisor
- Demonstrate post painting clean up of the site

Duration: 46:00	Duration: 70:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Explain how to mask and cover areas not required to be painted, using masking tape/ drop cloths. Discuss the surface preparation process for different surfaces. Explain how to prepare the paint for application. Explain the process of clean up of the application tools – brushes, rollers and spray equipment, after painting. Discuss the process of clean up post painting. 	 Demonstrate masking and covering of areas not required to be painted at the sample site. Demonstrate surface preparation of the given sample site by means of appropriate tools, as instructed by the painter/ supervisor. Demonstrate the process for preparation of the paint material for application. Demonstrate preparation of the painting tools and equipment for application. Set up the application tools as instructed by the painter/ supervisor. Demonstrate cleaning of the painting tools and equipment after painting. Show the process of clean up of the site post painting and disposal of waste.
Classroom Aids:	
	learning activities – Intranet, Email, IMs, Learning
Management System (for example, Moodle, Black	kboard, etc.) to enable blended learning

Tools, Equipment and Other Requirements

Paint samples, Painting area/ substrate, Goggles, Dust masks, Gloves, Masking sheet, Painter's tape, Drop cloths, Stepladder, Flat scraper tool, Sanding tool, Sandpaper (various grits), Wire brush, Putty knife, Broad putty knife, Painting brush, Roller, Spray gun, Long-handled brush, Scrub brush, Sanding block, Broom, Dustpan, Spatula, Electric/ pneumatic stirrer, Power sander with dust collector.



Module 4: Coordinate with supervisors, colleagues, and customers Mapped to NOS PCS/N9901 v2.0

Terminal Outcomes:

• Demonstrate effective communication with supervisors, colleagues and customers.

Cases for study and analysis, Sample job order, Sample SOP comprising work output requirements, Quality standards, Delivery schedule, Targets, Performance indicators and Incentive policies



Module 5: Achieve customer satisfaction for given quality Mapped to NOS PCS/N9902 v2.0

Terminal Outcomes:

- Apply practices for customer satisfaction
- Demonstrate escalation of customer complaints and grievances to higher authorities, if required

Duration: 10:00	Duration: 20:00		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
 Explain the steps involved in capturing customer expectations. Explain the process for collecting customer feedback. Discuss standard practices in customer orientation and quality adherence. Discuss the importance of meeting quality standards and timelines in a team. 	 Demonstrate understanding of customer expectations using role play. Demonstrate collection of customer feedback using verbal and non-verbal communication. Create a sample complaint register to record customer complaints. Create a sample workflow to report customer issues/complaints to the concerned authorities and supervisors. Demonstrate steps of escalating negative feedback to the supervisor or concerned authorities. Perform lab tests to ensure quality adherence of the products. Prepare a sample product quality test report. 		
Classroom Aids:			
Laptop, Whiteboard, Marker, Projector, Tools for Management System (for example, Moodle, Black	learning activities – Intranet, Email, IMs, Learning kboard, etc.) to enable blended learning		

Tools, Equipment and Other Requirements

Cases for study and analysis, Sample SOP comprising customer handling policies, Sample SOP comprising organisational policies related to inclusive practices, Sample quality policy documents, Samples of good and bad quality products



Module 6: Achieve health, safety, and environmental standards Mapped to NOS PCS/N9903 v2.0

Terminal Outcomes:

- Apply health and safety practices at the workplace
- Explain the pandemic precautions and guidelines

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the composition of a basic first aid kit. List the daily safety instructions and other safety procedures for work. Explain the types of fire and the correct extinguishers to be used. Identify eco-friendly products, tools and equipment. Explain the importance and methods for efficient use of materials, water and energy. Discuss the methods of waste segregation and disposal. Explain the safety procedures for handling and use of hazardous materials, tools and equipment. Explain the importance of following COVID-19/ pandemic safety guidelines Discuss the components and use of a MSDS (Material Safety Data Sheet) List the personal protective equipment required for protective and marine painting. Explain the steps to be followed for prevention of workplace accident. 	 Demonstrate, in a mock situation, the procedure to administer first aid. Demonstrate fire-fighting techniques and evacuation process. Demonstrate, in a role play, steps for eliminating or minimising health, safety and environmental hazards in the work areas. Demonstrate ways of optimising the usage of resources (water, electricity, fuel, etc.). Segregate waste into different categories (recyclable, non-recyclable, hazardous, etc.) Demonstrate disposal of hazardous materials and waste as per local environmental norms/company's policies. Create a sample record all incidents/accidents and first aid treatments. Demonstrate the process of lifting and storing items to reduce the risk of injuries. Demonstrate the measures to prevent the spread of the pandemic.
Classroom Aids:	learning activities - Intranet Email IMs Learning

Laptop, Whiteboard, Marker, Projector, Tools for learning activities – Intranet, Email, IMs, Learning Management System (for example, Moodle, Blackboard, etc.) to enable blended learning

Tools, Equipment and Other Requirements

A sample of health and safety policy document, Material Safety Data Sheets (MSDS), Personal Protective Equipment (PPE) like Protective gloves, Insulated clothing, Safety mask, Hard helmet, Safety shoes, Safety goggles, etc., Instruction manual for safe handling and routine cleaning of tools, machines, and equipment, Samples of various categories of waste, Colour-coded bins and containers, Various symbols representing hazardous waste, Containers for disposing of chemical waste, Wastewater treatment/recycling unit, COVID-19 safety manual, Hazard reporting form, Accident reporting form, First-aid kit, Emergency broadcast system and Mock emergency signage in the appropriate areas of the training institute, Cases for study and analysis



Module 7: Introduction to Employability Skills Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50	Duration: 00:50	
Theory – Key Learning Outcomes Practical – Key Learning Outcomes		
Discuss the Employability Skills required for jobs in various industries		
 List different learning and employability related GOI and private portals and their usage 		

Module 8: Constitutional Values - Citizenship Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50	Duration: 00:50
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
•	g civic rights and duties, citizenship, responsibility ethics such as honesty, integrity, caring and some a responsible citizen
 Show how to practice different environmentally sustainable practices. 	

Module 9: Becoming a Professional in the 21st Century Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50	Duration: 00:50		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
Discuss importance of relevant 21st century skills.			
 Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life. 			
Describe the benefits of continuous learning	lg		

Module 10: Basic English Skills

Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50	Duration: 01:50		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
 Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone. 			
 Read and interpret text written in basic English. 			
 Write a short note/paragraph / letter/e -mail using basic English. 			



Module 11: Communication Skills Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 01:50	Duration: 02:50	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
 Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette. 		
Explain the importance of active listening for effective communication		
Discuss the significance of working collaboratively with others in a team		

Module 12: Diversity and Inclusion Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50		Duration: 00:50		
Theory – Key Learning Outcomes		Practical – Key Learning Outcomes		
•	 Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD 			
•	Discuss the significance of escalating sexua	l harassment issues as per POSH act.		

Module 13: Financial and Legal Literacy Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 02:00	Duration: 02:00		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes		
Outline the importance of selecting the right financial institution, product, and service			
Demonstrate how to carry out offline and	Demonstrate how to carry out offline and online financial transactions, safely and securely		
 List the common components of salary and compute income, expenditure, taxes, investments etc. 			
Discuss the legal rights, laws and aids			

Module 14: Essential Digital Skills

Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 01:00 Duration: 02:00		Duration: 02:00			
Theory	y – Key Learning Outcomes	Practical – Key Learning Outcomes			
•	 Describe the role of digital technology in today's life 				
	 Demonstrate how to operate digital devices and use the associated applications and features, safely and securely 				
	 Discuss the significance of displaying responsible online behaviour while browsing, using various social media platforms, e-mails, etc., safely and securely 				
•	Create sample word documents, excel sheets and presentations using basic features				
•	utilize virtual collaboration tools to work effectively				



Module 15: Entrepreneurship Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 03:00 Duration: 04:00		
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
Explain the types of entrepreneurship and enterprises		
 Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan 		
 Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement 		
 Create a sample business plan, for the selection digital technology in today's life 	cted business opportunityDescribe the role of	

Module 16: Customer Service

Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 01:50 Duration: 02:50		
Theory – Key Learning Outcomes Practical – Key Learning Outcomes		
 Describe the significance of analyzing different types and needs of customers 		
 Explain the significance of identifying customer needs and responding to them in a professional manner. 		
• Discuss the significance of maintaining h	nygiene and dressing appropriately	

Module 17: Getting ready for Apprenticeship and jobs Mapped to NOS DGT/VSQ/N0102 v1.0

Duration: 00:50	Duration: 01:50	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
Create a professional Curriculum Vitae (CV)		
 Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively 		
 Discuss the significance of maintaining hygiene and confidence during an interview 		
Perform a mock interview		
 List the steps for searching and registering for apprenticeship opportunities 		



Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Specializati Educational Qualification		Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate/ Certified in relevant CITS course	Paint Technology	2	Paint manufacturi ng and/ or application. Or CITS trainer for Paint Technology	1 (preferable but not mandatory	Paint manufacturin g and/ or application. Or CITS trainer for Paint Technology	Training experience preferable but not mandatory

Trainer Certification				
Domain Certification Platform Certification				
Certified for the job role "Painting Helper", mapped to the Qualification Pack "PCS/Q5005, V 2.0", issued by Paints and Coatings Skill Council. Minimum accepted score in SSC Assessment is 80%.	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "MEP/Q2601, v1". Minimum accepted score is 80%.			



Assessor Requirements

Assessor Prerequisites						
Minimum Spe Educational Qualification	Specialisation	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialisation	Years	Specialisation	
Graduate/ Certified in relevant CITS course	Paint technology	2	Paint manufacturi ng and/ or application CITS Trainer for Paint technology	1	manufacturin g and/ or application	Training experience preferable but not mandatory

Assessor Certification		
Domain Certification	Platform Certification	
Certified for the job role "Painting Helper", mapped to the Qualification Pack "PCS/Q5005, V 2.0", issued by Paints and Coatings Skill Council. Minimum accepted score in SSC Assessment is 80%.	Recommended that the assessor is certified for the job role "Assessor" mapped to the Qualification Pack "MEP/Q2701,v1". Minimum accepted score is 80%.	



Assessment Strategy

- 1. Assessment System Overview:
 - Batches are assigned to the assessment agencies for conducting the assessment on SIP or email.
 - Assessment agencies send the assessment confirmation to VTP/TC looping SSC.
 - Assessment agency deploys the ToA certified Assessor for conducting the assessment.
 - SSC monitors the assessment process via video conferencing/ surprise visits and records.
- 2. Testing Environment:
 - Confirm that the centre is available at the same address as mentioned on SIP or email.
 - Check the duration of the training.
 - Check the Assessment Start and End time to be as 9 A.M. and 6 P.M.
 - If the batch size is more than 30, then there should be 2 Assessors.
 - Check that the allotted time to the candidates to complete Theory and Practical Assessment is correct.
 - Check the mode of assessment—Online (TAB/ Computer/ Smart Phone or Blended or Offline (OMR/PP).
 - Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
 - Check the availability of the Lab Equipment for the particular Job Role.
- 3. Assessment Quality Assurance levels/Framework:
 - Question papers created by the Subject Matter Experts (SME).
 - Question papers created by the SME verified by the other subject Matter Experts.
 - Questions are mapped with NOS and PC.
 - Question papers are prepared considering that levels 1 to 3 are for the unskilled and semi-skilled individuals, and level 4 and above are for the skilled, supervisor and higher management.
 - Assessor must be ToA certified and trainer must be ToT certified.
 - Assessment agency must follow the assessment guidelines to conduct the assessment.
- 4. Types of evidence or evidence-gathering protocol:
 - Time-stamped and geotagged reporting of the assessor from assessment location.
 - Centre photographs with signboards and scheme specific branding.
 - Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period.
 - Time-stamped and geotagged assessment (Theory + Viva + Practical) photographs and videos.
- 5. Method of verification or validation:
 - Surprise visit to the assessment location.
 - Random audit of the batch.
 - Random audit of any candidate.
- 6. Method for assessment documentation, archiving, and access
 - Hard copies of the documents are stored
 - Soft copies of the documents and photographs of the assessment are uploaded/accessed from Cloud Storage
 - Soft copies of the documents and photographs of the assessment are stored in the Hard Drives



References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
(M) TLO	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training .
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.



Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards