

## NSQF QUALIFICATION FILE

Approved in 17<sup>th</sup> NSQC Meeting-NCVET-Dated 31<sup>st</sup> March, 2022

### CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Paints and Coatings Skill Council, Unit number 1019, Summit Business Park, Off Andheri Kurla Road, Andheri East, Mumbai – 400093.

Name and contact details of individual dealing with the submission

Name: Mamka Hakim

Position in the organisation: Vice President – Standards & Quality

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NCVET Code

2022/CP/PCSC/05729

List of documents submitted in support of the Qualifications File

1. Occupation Map
2. RFP for development of National Occupational Standards
3. GC Resolution for formation of NOS Sub-committee and its composition
4. Approval of QP/ NOSs
5. List of companies and Industry associations participated and validated QP/NOS
6. Mapping of Manpower skills in the Paints and Coatings Industry
7. Function Analysis
8. Model Curriculum

Model Curriculum to be added which will include the following:

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

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1	<b>Qualification Title</b>	Supervisor Decorative Application
2	<b>Qualification Code, if any</b>	PCS/Q5001 V2.0
3	<b>NCO code and occupation</b>	3123.0700
4	<b>Nature and purpose of the qualification (Please specify whether qualification is short term or long term)</b>	Short term, Recognition of Prior Learning (RPL) and apprenticeship training for Supervisor Decorative Application
5	<b>Body/bodies which will award the qualification</b>	Paints and Coatings Skill Council
6	<b>Body which will accredit providers to offer courses leading to the qualification</b>	Paints and Coatings Skill Council
7	<b>Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)</b>	Yes
8	<b>Occupation(s) to which the qualification gives access</b>	Industrial and Decorative Paint Application
9	<b>Job description of the occupation</b>	The individual must complete the paint application work undertaken as per agreed standards of quality, time, safety and cleanliness thereby achieving full customer satisfaction. Monitor that the team follows instructions of the paint manufacturer and complies with eco-friendly practices and appropriate waste disposal techniques.
10	<b>Licensing requirements</b>	Not Applicable
11	<b>Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)</b>	Not Applicable
12	<b>Level of the qualification in the NSQF</b>	5
13	<b>Anticipated volume of training/learning required to complete the qualification</b>	Theory 180 hours Practical 300 hours Total 480 hours
14	<b>Indicative list of training tools required to deliver this qualification</b>	Training tools list as per the model curriculum

<p><b>15</b></p>	<p><b>Entry requirements and/or recommendations and minimum age</b></p>	<p>Graduation in the relevant field or 3-year Diploma (after 12<sup>th</sup> class) in the relevant field Or Graduation in any field and 1 year experience or 3-year Diploma (after 12<sup>th</sup> class) in any field and 1 year experience Or 2-year Diploma (after 12<sup>th</sup> class) in relevant field and 1 year experience Or 10<sup>th</sup> + ITI (after 10<sup>th</sup> Class) in the relevant field and 2 years' experience Or 3-year Diploma (after 10<sup>th</sup>) in the relevant field and 2 years' experience Or 1 year Diploma (after 12<sup>th</sup> class) in relevant field and 2 years' experience Or 12<sup>th</sup> class pass and 4 years' experience Or Certified for Decorative Painter/ Powder Coater/ General Industrial (Liquid) Painter/ Protective and Marine Painter (NSQF level 4) and 2 years' experience</p>
<p><b>16</b></p>	<p><b>Progression from the qualification (Please show Professional and academic progression)</b></p>	<p>Horizontal With further training can be Supervisor General Industrial (Liquid) Painter. Vertical Self-employed entrepreneur/ Painting Contractor</p>
<p><b>17</b></p>	<p><b>Arrangements for the Recognition of Prior learning (RPL)</b></p>	<p>Will be done at locations/ training centres where required lab facility is available.</p>

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18	International comparability where known (research evidence to be provided)	Not established	
19	Date of planned review of the qualification	The qualification will be revised or updated after 3 years or earlier based on Industry/ NOS Sub-committee inputs to check the relevance of QP/NOSs, and revise the QP/ NOS.	
20	Formal Structure of the qualification		
	<b>Mandatory Components</b>		
	<b>Title of Component and identification code/ NOSs/ Learning Outcomes</b>	<b>Estimated Size (learning hours)</b>	<b>Level</b>
	Introduction : Bridge Module	4	5
	PCS/N5001. Interact and engage with customer for paint application service	112	5
	PCS/N5011.Supervise decorative painting	151	5
	PCS/N5013.Conduct entrepreneurial activities	157	5
	PCS/N9901 : Co-ordinate with colleagues and customers	12	4
	PCS/N9902 : Maintain standards of product/ service quality	22	4
	PCS/N9903 : Maintain OH&S standards and follow environmental norms	22	4
	<b>Sub Total (A)</b>	<b>480</b>	
	<b>Optional Components</b>		
	<b>Title of Component and identification code/ NOSs/ Learning Outcomes</b>	<b>Estimated Size (learning hours)</b>	<b>Level</b>
	NA	0	
	<b>Sub Total (B)</b>	<b>0</b>	
	<b>Elective Components</b>		

**NSQF QUALIFICATION FILE**Approved in 17<sup>th</sup> NSQC Meeting-NCVET-Dated 31<sup>st</sup> March, 2022

	Title of Component and identification code/ NOSs/ Learning Outcomes	Estimated Size (learning hours)	Level
	NA	0	
	Sub Total (C)	0	
	Total (A+B+C)	480	

**SECTION 1****ASSESSMENT**

21	<p><b>Body/Bodies which will carry out assessment:</b> Aon, Aman Skills Programming Society, Aspire Assess Skill, Assess People, Diversified Business Solution, Navriti, Proximo, Radiant Infonet, etc.</p>
22	<p><b>How will RPL assessment be managed and who will carry it out?</b> RPL will be based on the same Qualification Pack and Assessment Criteria mentioned in the QP. The above assessment bodies will carry out the RPL assessment.</p>
23	<p><b>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</b> Standardised assessment criteria developed by PCSC. Selected Assessment bodies have been vetted for capability and robust system/ procedure. Question bank of Assessment bodies reviewed and vetted by technical experts/ SMEs employed by PCSC. Assessment to be done only by certified assessors who have undergone ToA program. To follow online based assessments except when this is not possible (example due to poor net access, digital illiteracy). Video evidence of the assessment.</p>

Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

**ASSESSMENT EVIDENCE**

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – ie Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

**24. Assessment evidences**

**Title of Component:**

<b>Outcomes to be assessed/NOSs to be assessed</b>	<b>Assessment criteria for the outcome</b>
PCS/N5010.Interact and engage with customer for paint application service	Compulsory Core NOS. % weightage 20. Minimum Passing % 60.
PCS/N5011.Supervise decorative painting	Compulsory Core NOS. % weightage 20. Minimum Passing % 60.
PCS/N5013.Conduct entrepreneurial activities	Compulsory Core NOS. % weightage 20. Minimum Passing % 60.
PCS/N9901 Co-ordinate with colleagues and customers	Compulsory Non-Core NOS. % weightage 10. Minimum Passing % 60.
PCS/N9902 Maintain Standards of product/ service quality	Compulsory Non-Core NOS. % weightage 10. Minimum Passing % 60.
PCS/N9903 Maintain OH&S Standards and follow environmental norms	Compulsory Non-Core NOS. % weightage 20. Minimum Passing % 60.
<b>Means of assessment 1</b>	Blended. Online assessment of theory and physical assessment of practicals.
<b>Means of assessment 2</b> Add boxes as required.	
<b>Pass/Fail</b> Minimum 60% per NOS and aggregate.	

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<b>Title Name of Qualification /Component : Supervisor Decorative Application PCS/Q5001</b>					<b>Level 5</b>
<b>Process required</b>	<b>Professional knowledge</b>	<b>Professional skill</b>	<b>Core skill</b>	<b>Responsibility</b>	<b>Level</b>
Engagement with the customer. Supervise the painting process by analysing and inspecting the substrate before and after preparation, during the painting process at intermediate stages and final painting of the surface. Estimate the resources required and prepare a quote for the customer. Prepare an invoice and collect the payment after completion of the job.	Knowledge of different types of paints, their properties and uses, types of tools and equipment and it's use, common causes of poor paint application. Estimation of required resources and it's cost. Taxation law and rules and preparation of quotations, invoices and receipts. Maintaining the books of accounts.	Practical skills to check and verify that the preparation of the surface for painting using requisite tools and equipment is proper to paint the surface to meet the quality standards.	Inspect and identify the surface and it's condition, select the right method of surface preparation to meet the service requirements, apply the coatings using recommended application methods and following SOP, to meet the quality requirements and job specification. Communicate with customers and colleagues to complete the quality work in the agreed timeline.	Responsible for overall quality and customer satisfaction. Has responsibility for own work as well as for the work being performed by workmen reporting to him/ her.	<b>5</b>

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Level:	5	Level:	5	Level:	5	Level:	5	Level:	5	
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**SECTION 3**

**EVIDENCE OF NEED**

26	estimated uptake of estimate?	<b>What evidence is there that the qualification is needed? What is the need of this qualification and what is the basis of this</b>
	<b>Basis</b>	<b>In case of SSC</b>
	Need of qualification	Decorative paints market share is about 70% by value and 77% by volume of the total Indian paint market. With the development of infrastructure and the Gol's "Atma Nirbhar Bharat" and Pradhan Mantri Awas Yojana" program, the demand for Decorative Paints is expected to grow further.
	Industry Relevance	Paint manufacturers and users have validated the Qualification. Please see the attached validations.
	Usage of the qualification	There are an estimated 20 lakhs decorative painters, of which about 5 lakhs would be performing the role of a Supervisor for Decorative Painting and who do not have a formal certificate. There is good scope for RPL. Certified painters can also get employment overseas. The past certification and plan for the next three years is attached.
27	<b>Recommendation</b>	<b>from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences</b>
	NA	
28		<p><b>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification.</b></p> <p>Construction Skill Development Council has similar qualifications. The CSDC qualifications caters only to supervisors/ foreman at construction sites for new construction. The decorative paint market includes new construction, which is 35%, and re-painting, which is 65%. The PCSC qualifications cater to both new construction as well as repainting jobs. CSDC can borrow the PCSC QP to carry out assessment and certification</p>
29		<p><b>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</b></p> <p>NOS Sub-committee will review the relevance of QP/NOSs, every 2 years. Inputs will also be sought from industry partners to check the relevance and revise the QP/ NOS, if required.</p>

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### **SECTION 4**

#### **EVIDENCE OF PROGRESSION**

30	<p><b>What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?</b></p> <p><b><i>Show the career map here to reflect the clear progression</i></b></p> <p><b>Please see the attached career progression map.</b></p>
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Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.