

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

**Paints and Coatings Skill Council, Unit No. 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

Address if different from above: Same as above

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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	Qualification Title	Protective and Marine Painter
2	Qualification Code, if any	PCS/Q5109 V2.0
3	NCO code and occupation	7131.0200; 7131.0300
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	Short term and apprenticeship training for Protective and Marine painter
5	Body/bodies which will award the qualification	Paints and Coatings Skill Council
6	Body which will accredit providers to offer courses leading to the qualification	Paints and Coatings Skill Council
7	Whether accreditation/ affiliation norms are already in place or not , if applicable (if yes, attach a copy)	Yes
8	Occupation(s) to which the qualification gives access	Industrial Paint Application
9	Job description of the occupation	The individual at work assesses the environmental conditions which the substrate has to withstand, prepares its surface and then applies protective paint or marine paint as per product specification or customers requirement.
10	Licensing requirements	Not Applicable
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	Not Applicable
12	Level of the qualification in the NSQF	4
13	Anticipated volume of training/learning required to complete the qualification	Minimum 420 hours Maximum 740 hours
14	Indicative list of training tools required to deliver this qualification	Training tools list as per the model curriculum

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15	Entry requirements and/or recommendations and minimum age	8th Class Pass + ITI (2 years) and 2 years' experience Or 10th Class Pass with 2 years' experience Or 10th Class Pass + ITI (1 year after Class 10th) with 1 year experience Or 10th Class Pass + ITI (2 years after Class 10th) Or 10th Class Pass and pursuing continuous regular schooling Or 3-year Diploma (after 10th) Or 12th Class Pass and 6 months' experience Or Certified for Assistant Decorative Painter (NSQF level 3) and 2 years' experience
16	Progression from the qualification (Please show Professional and academic progression)	Protective and Marine Painter, with experience and acquiring additional qualifications can become QC & Testing Supervisor – Protective & Marine. Please see the attached progression chart
17	Arrangements for the Recognition of Prior learning (RPL)	Will be done at locations/ training centres where required lab facility is available.
18	International comparability where known (research evidence to be provided)	Not established

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19	Date of planned review of the qualification	The qualification will be revised or updated after 5 years or earlier based on Industry/ NOS Sub-committee inputs to check the relevance of QP/NOSs, and revise the QP/ NOS.
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20	Formal Structure of the qualification		
	Mandatory Components		
	PCS/N5110 : Prepare to Paint the substrate	204	4
	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
	Sub Total (A)	260	
	Optional Components		
	Title of Component and identification code/ NOSs/ Learning Outcomes	Estimated Size (learning hours)	Level
	NA	0	
	Sub Total (B)	0	
	Elective Components		
	Title of Component and identification code/ NOSs/ Learning Outcomes	Estimated Size (learning hours)	Level
	PCS/N5111 : Paint the substrate	160	4
	PCS/N5112 : Perform Floor Coating	160	4
	PCS/N5113 : Perform Road Marking	160	4
	Sub Total (C)	480	
	Total (A+B+C)	740	

SECTION 1**ASSESSMENT**

21	Body/Bodies which will carry out assessment: Aon, Aman Skills Programming Society, Aspire Assess Skill, Assess People, Diversified Business Solution, Navriti, Proximo, Radiant Infonet, etc.
22	How will RPL assessment be managed and who will carry it out? 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.
23	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. 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.

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.

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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:

Outcomes to be assessed/NOSs to be assessed	Assessment criteria for the outcome
PCS/N5110 Prepare to paint the substrate	Compulsory Core NOS. % weightage 30. 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.
Elective 1 PCS/N5111 Paint the substrate	Elective 1 NOS. % weightage 30. Minimum Passing % 60
Elective 2 PCS/N5112 Perform Floor Coating	Elective 2 NOS. % weightage 30. Minimum Passing % 60
Elective 3 PCS/N5113 Perform Road Marking	Elective 3 NOS. % weightage 30. Minimum Passing % 60
Means of assessment 1	Blended. Online assessment of theory and physical assessment of practicals.
Means of assessment 2 Add boxes as required.	
Pass/Fail	Minimum 60% per NOS and aggregate.

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SECTION 2

25. EVIDENCE OF LEVEL

Title Name of Qualification /Component : Protective and Marine Painter PCS/Q5109					Level	
4						
Process required	Professional knowledge	Professional skill	Core skill	Responsibility	Level	
Analyse the substrate and erect scaffolding, inspect the surface and prepare the surface for painting, paint the surface.	Knowledge of different types of paints, their properties and uses, types of scaffolding, use of tools and equipment and common causes of poor paint application.	Practical skills to check and verify that the scaffolding is safe for use, prepare the surface for painting using requisite tools and equipment and paint the surface as per quality standards, following the SOP.	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 superiors and colleagues to complete the quality work in the agreed timeline.	Responsible for assessing the substrate condition and prepare and paint it to meet the required quality standards.	4	
Level: 4	Level: 4	Level: 4	Level: 4	Level: 4		

SECTION 3

EVIDENCE OF NEED

26	estimated uptake of estimate?	What evidence is there that the qualification is needed? What is the this qualification and what is the basis of this
	Basis	In case of SSC
	Need of qualification	Protective and Marine paints market share is about 25% of the Industrial Paint market and is the highest in the Industrial Paint segment. With the development of infrastructure and the GoI's "Atma Nirbhar Bharat" program, this 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 is an estimated 2 lakhs painters working in this segment, who donot have a formal certificate. There is good scope for RPL. Certified painters are able to get jobs overseas. The past certification and plan for the next three years is attached.
27	Recommendation	from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences
	NA	
28	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.	The qualifications on SIP have been checked. There is no duplication.
29	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	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.

Please attach most relevant and recent documents giving further information about any of the topics above.

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

SECTION 4

EVIDENCE OF PROGRESSION

30	<p>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?</p> <p><i>Show the career map here to reflect the clear progression</i></p> <p>Please see the attached career progression map.</p>
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