

India-EU Skills Development project: Qualification File

Revised Application Documentation: Version 3 Final /4 March, 2015

NSDA Reference

To be added by NSDA

QUALIFICATION FILE – CONTACT DETAILS OF SUBMITTING BODY

Name and address of submitting body:

Construction Skill Development Council of India

Address:- 204, Aashirwad Complex, D-1, Green Park, New Delhi - 110016

Tel: +91-11-46584466

Name and contact details of individual dealing with the submission

Name: Ms. Jancy Mathew

Position in the organisation: Head Standards and Research

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Same as above

Tel number(s): +91-11-46584466

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List of documents submitted in support of the Qualifications File

1. Career Map of Assistant Painter & Decorator- Annexure 1
2. QP CON/Q 0502- Annexure 2

QUALIFICATION FILE SECTION 1

SUMMARY

Qualification Type	Assistant Painter & Decorator- CON/Q 0502		
Body/bodies which will assess candidates	<ul style="list-style-type: none"> • MCG • Star Projects 		
Body/bodies which will award the certificate for the qualification.	CSDCI		
Body which will accredit providers to offer the qualification.	CSDCI		
Occupation(s) to which the qualification gives access	Construction painting and decoration		
Proposed level of the qualification in the NSQF.	2		
Anticipated volume of training/learning required to complete the qualification.	350 hrs		
Entry requirements / recommendations.	5th Standard/ Helper painter level – 1 qualified		
Progression from the qualification.	Painter Level 3		
Planned arrangements for RPL.	Work is under progress		
International comparability where known.	Compared with UK NOS		
Formal structure of the qualification			
Title of unit or other component (include any identification code used)	Mandatory/ Optional	Estimated size (learning hours)	Level
CON/N0056: Health, Safety & Environment	Mandatory	46	2
CON/N0045: Prepare, Handle and Store Paints related materials	Mandatory	44	2
CON/N0047: Preparation of all type of basic surfaces for painting works	Mandatory	52	2
CON/N0053: Erection & Dismantling Scaffolds/Woking platforms/ ladders at the workplace	Mandatory	62	2
CON/N0054: Application of different type of Paints as per required surface and finish	Mandatory	68	2
CON/N0055: Varnishing, polishing & finishing of door, windows, partitions, paneling & other surfaces	Mandatory	78	2

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

1. QP CON/Q 0502- Annexure 2

SECTION 1

ASSESSMENT

Name of assessment body:

If there will be more than one assessment body for this qualification, give details.

- MCG
- Star Projects

Will the assessment body be responsible for RPL assessment?**Yes/No**

Give details of how RPL assessment for the qualification will be carried out and quality assured.

The RPL assessment will be carried out through screening, identifying the skills gaps, provide bridge training to cover the competency gap and then conduct final assessment of the candidates

ASSESSMENT POLICY

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:

Assessment is done through third parties who are affiliated to CSDCI as Assessment Body. Assessors are trained & certified by CSDCI through Training of Trainers program. The assessment involves two processes. The first process is gathering the evidence of the competency of individuals. The second part of the assessment process is the judgement as to whether a person is competent or not. The assessment plan contains the following information:

- What will be assessed, i.e. the competency based on each NOS
- How assessment will occur i.e. methods of assessment
- When the assessment will occur
- Where the assessment will take place i.e. context of the assessment (workplace/simulation)
- The criteria for decision making i.e. those aspects that will guide judgements and
- Where appropriate, any supplementary criteria used to make a judgement on the level of performance.

The assessment is conducted through theory, viva voce and practical.

Please attach any documents giving further information about assessment and/or RPL.

Give details of the document(s) here:

ASSESSMENT EVIDENCE

Complete a grid for each grouping of NOS, assessment unit or other component as listed in the entry on the structure of the qualification on page 1.

CRITERIA FOR ASSESSMENT OF TRAINEES

Assistant Painter

CON / Q0502

Construction Skill Development Council Of India

Guidelines for Assessment

1. Criteria for assessment for Qualification Pack has been created based on the NOSs and performance criteria by CSDCI. Each Performance Criteria (PC) has been assigned marks proportional to its importance within NOS and weightages have also been given among the NOSs accordingly. CSDCI has laid down the proportion of marks for Skills, Theory/Knowledge and Behaviour / Attitudes for each PC.
2. The assessment of the theory/knowledge will be based on written test/viva-voce or both while skill test shall be hands on practical. Behavior and attitude will be assessed while performing the task.
3. The assessment shall be done as per the assessment sheets devised by CSDCI and accordingly the assessment agencies in consultation with CSDCI will create unique question papers for theory/knowledge and attitude for each candidate at each CSDCI accredited testing centers (as per assessment criteria below).
4. The assessment agencies will conduct the assessment as per the guidelines given by CSDCI giving unique evaluations for skill & knowledge for every student at each CSDCI accredited testing center.
5. To pass the Qualification Pack, every trainee should score a minimum of 80% in Skill, 50% in Knowledge & Behavior and 50% in Written test separately in each attribute. In addition, he should pass in each NOS with minimum 40% marks.
6. Each student at Level-2 has to pass in Skill, Knowledge and Behavior as per the percentage given below in totality while individual failing to score minimum pass marks of 40% in any one of the NOS then he will have to re-appear for that one NOS only within 60 days of his test for final certification. After 60 days he will have to appear in all NOSs

Assessable Outcome	Assessment criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
1. CON/N0056 : Health, Safety & Environment	PC1: Identify and right use of Personal Protective Equipments for Head Protection, Fall Protection, Foot Protection, Face & eye Protection, Ear Protection, Hand & Body Protection and Respiratory Protection.	22	22	1	3
	PC2: Follow Do's and Don'ts during working at heights			.5	1
	PC3: Carry out various safety measures, mock drills relevant to task during work and evacuating at emergency			1	2
	PC4: First Aid practice such as use of basic dressing materials and bandages, resuscitation practices			.5	1
	PC5: Safe waste disposal and pollution control of organic and inorganic waste material use of sound control and protection methods			1	2
	PC6: Handle all health hazards relevant to paintwork / preparation and handling of materials			1	2
	PC7: Understand the solvent vapours, toxic metals in pigments and paint additives			1	2
	PC8: Ensure safe spray painting operations, and keep booths clear of unnecessary equipment			1	2
				Total	22
2. CON/N0045 : Prepare, Handle & Store paints related materials	PC1: Select paint and relevant materials required to be handled & stored	21	21	1	2
	PC2: Maintain safe & clean work space while moving, handling or storing			.5	1
	PC3: Follow standard methods for Delivery, placing & storing of materials			1	2
	PC4: Method of safe storage, stacking and maintenance of painting materials			1	3
	PC5: Follow standard norms while storing hazard material and all relevant chemicals			1	2
	PC6: Putty preparation, mixing of various ingredients as per requirement and colour blending			1	3
	PC7: Co-ordinate with other working personnel while handling the paint materials			.5	2
				Total	21
3. CON/N0047 : Preparation of all type of basic surface for painting works	PC1: Visual & physical inspection of surface for suitability			.5	2
	PC2: Identify the type of exposure of the application surface			.5	2
	PC3: Identify and prepare basic surfaces such as wall, ceiling, wood & metal			1.5	4
	PC4: Prepare wooden surfaces for varnish, polish & paint			1.5	4
	PC5: Identification and selection of tools and equipments required surface preparation			1	2
	PC6: Apply prime coat by brush or spray as applicable			1	4
				Total	24
4. CON/N0053: Erection & Dismantle of	PC1: Estimate the quantity of material required to erect and dismantle scaffold/ working platforms (Ladders, Planks, Pipes, ballies, Supports, and	29	29	.5	3

Scaffolds/work king platforms/lad ders at the workplace	Fastening etc.)				
	PC2: Prepare base for tower			1	2
	PC3: Select and shift relevant materials from yard to site			.5	2
	PC4: Selection and use of relevant tools & tackles			.5	2
	PC5: Follow standard procedures for erection & dismantling			3	7
	PC6: Safe working on Platforms and ladders			1	3
	PC7: Follow standard procedures for Shifting & handling materials & tools while working at heights			.5	3
		Total	29	7	22
5. CON/N0054: Application of different types of paints as per required surface and finish	PC1: Use & handle all relevant painting tools & equipment			.5	2
	PC2: Identify and use different types of paints such as OBD, Acrylic emulsion, Enamel paint etc.			1	3
	PC3: Use & demonstrate skills of mixing, pouring, diluting, loading for paint application.			1	5
	PC4: Effective application of paints using brush & roller			1	3
	PC5: follow standard methods while painting interior surfaces			1	2
	PC6: Apply coatings to internal and external surfaces suiting industrial situations			1	5
	PC7: Maintenance of brushes, rollers and the other tools and equipment used for relevant application	32	32	1	2
	PC8: complete work within stipulated time & as per productivity requirements			.5	3
	Total	32	7	25	
6. CON/N0055 : Varnishing, polishing & finishing of doors, windows, partitions, panelling & other surfaces	PC1: Identify, select and use right pigment & admixtures.			2	5
	PC2: Follow standard procedures for effective mixing, diluting and making of varnish & polish			2	5
	PC3: Right application according to different surfaces	32	32	1	8
	PC4: Follow correct sequence & methodology for application			1	5
	PC5: Estimate the quantity of materials required for the task			1	2
		Total	32	7	25

SECTION 2

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

Please refer to the attached list of job roles and occupations as per the attachment and their career paths as per Annexure 1, which have been derived through extensive industry interactions facilitated from 10 workshops and site visits conducted and interaction with 500+representatives from different organizations all over the country.

What is the estimated uptake of this qualification and what is the basis of this estimate?

The incremental Manpower Gap between 2008 and 2022 is 459000 under Construction Painting Occupation

What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?

QPs for Job Roles of various related SSC's were studied to ensure that there is no duplicity.

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?

The comments, feedback and suggestions were collected through interaction with industry during August'14 to Feb'15. The same will be compiled and justifiable changes will be incorporated in the next/updated version of the QP. This QP is set to be revised post 31st March 2015.

Please attach any documents giving further information about any of the topics above.
Give details of the document(s) here:

SECTION 3

SUMMARY EVIDENCE OF LEVEL

Level of qualification: NSQF Level2 as identified by the criteria given in NSQF Framework

Summary of Direct Evidence (from learning outcomes): Established using the levelling scorecard as per NSQF framework

Summary of other evidence (if used): Established using the levelling scorecard as per NSQF framework

Assistant Painter- CON/Q0502

Process required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
<p>The assistant painter deals with narrow range of work and performs task such as shifting of materials, mixing of paints and colours, preparation of surface, application of paint to various surfaces and varnishing and polishing on wooden surfaces. These functions require more of practise and less of application of knowledge as these are repetitive in nature requiring limited set of skills.</p> <p>Considering the outcomes the level is pegged at level-2.</p>	<p>Job holder is expected to have basic knowledge of tools and equipments required for painting works, basic processes and sequence of carrying of basic painting works like the loading, unloading, shifting and stacking of paints and related painting materials, preparation of surface receiving paint and method and sequence of application of various paints on different surfaces including varnishing and polishing on wooden surfaces.</p> <p>Considering the narrow range of professional and factual knowledge that an assistant painter has for painting occupation, this QP is pegged at level-2.</p>	<p>The job holder is expected to accept appropriate Personal protective equipment (PPE's) suitable for different working condition, provide basic first aid, select and use correct tools and materials for carrying out painting mix colours and paints as per instruction, prepare base surface for painting and applying simple coat of paint to various surfaces utilizing available tools and equipments.</p> <p>The above functions require limited service skills which are used in limited context for assisting in painting works thereby making the job holder least responsible and answerable for his/her actions in lieu of quality and timely completion of work.</p>	<p>The job holder requires basic knowledge of reading, writing and basic arithmetic to be able to comprehend instructions orally and effectively and relay them as per requirement through both written and oral means to assist in various tasks related to painting works.</p> <p>The job holder is also expected to adhere to guidelines and follow safety directives of the organisation while performing tasks such as handling flammable painting materials, erection of scaffold and application of paints and varnishes to various surfaces.</p> <p>Considering these outcomes the job holder is placed at level-2.</p>	<p>The job holder is expected to complete task such as material handling and storing, preparation of base surface receiving paint and application of plain coat of paint to various surfaces while adhering to safety norms of the concerned organisation. Since the job holder has to be detailed and specified about the methodology of task and needs to be constantly monitored and supervised by a competent superior for quality and timely completion, the job holders holds no responsibility for outcomes such as type of surface preparation method adopted ,colour of the paint finish and</p>	<p align="center">2</p>

				<p>finish of the painted surface .</p> <p>Considering these outcomes the job holder is placed at level-2.</p>	
Level-2	Level-2	Level-2	Level-2	Level-2	Level-2

SECTION 4

EVIDENCE OF RECOGNITION OR PROGRESSION

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?

Please refer to attached career path as per annexure 1 which clearly defines the career path.

Please attach any documents giving further information about any of the topics above.
Give details of the document(s) here:

1. Career Map of Assistant Painter & Decorator - Annexure 1
2. QP CON/Q 0502- Annexure 2

Annexure 1

Career Map

