

1 Revised Application Documentation: Version 5 /22 May, 2015

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

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List of documents submitted in support of the Qualifications File

1. Career Map of Assistant Scaffolder- Annexure 1
2. QP CON/Q 0303- Annexure 2

3. QUALIFICATION FILE SUMMARY

Qualification Title	Assistant Scaffolder - CON/Q 0303		
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	Scaffolding		
Proposed level of the qualification in the NSQF.	2		
Anticipated volume of training/learning required to complete the qualification.	350 hrs		
Entry requirements / recommendations.	5 th standard		
Progression from the qualification.	Scaffolder Level 3		
Planned arrangements for RPL.	Work is under progress		
International Comparability	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/N0013:Health, Safety & Environment	Mandatory	36	2
CON/N0027:Erect & Dismantling Tower for creating the Mould and Steel Cages	Mandatory	56	2
CON/N0028:Erect & Dismantling Tower in Confined area	Mandatory	72	2
CON/N0029:Erect & Dismantling Tower for Staircase / lift Tower	Mandatory	56	2
CON/N0030:Access Scaffold upto 18m for materials handlings and finishing works	Mandatory	72	2
CON/N0032:Erect & Dismantling of Conventional Staging (Bamboo & Pipe)	Mandatory	58	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/Q0303- 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?

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

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

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:

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 the following grid for each grouping of NOS, assessment unit or other component as per the assessment criteria. Insert the required number of rows.

CRITERIA FOR ASSESSMENT OF TRAINEES

Assistant Scaffolder

CON/Q 303

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

				Marks Allocation	
Assessable Outcome	Assessment criteria	Total Mark	Out Of	Theory	Skills Practical
CON/ N 0013: Health, Safety & Environment	PC1. Identify Personal Protective Equipments and demonstrate with its use such as Head Protection, Fall Protection, Foot Protection, Face & eye Protection, Ear Protection, Hand & Body Protection and Respiratory Protection.	100	16	5	1
	PC2. Follow the Do's and Don'ts during working at heights				2
	PC3. Carry out the Safety measures and drills with action and roles in normal times and emergency by mock drills				1
	PC4. Practice the First Aid and use of basic dressing materials and bandages, resuscitation practices and actions				1
	PC5. Carry out the waste disposal and pollution control with organic and inorganic waste disposal methods, sound and noise control and protection methods.				1
	PC6. Monitor, coordinate and evaluate the performance on Environment, Health & Safety.				1

	PC7. Execute the excavation of site with safety				1
	PC8. Handle the health hazards related to formwork assembly / preparation-sawdust and shuttering oil				1
	PC9. Coordinate with others during erection of formwork with safety				1
	PC10. Measures and identify by risk assessment and safe system of work				1
	Total	16	5		11
CON/ N 0027: Erect & Dismantling Tower for creating the Mould and Steel Cages	PC1. Prepare the base for the tower.	100	24	5	2
	PC2. Identify, select and shift the material from yard to site.				1
	PC3. Identify Tools & tackles.				3
	PC4. Wear the PPE.				2
	PC5. Follow the erection procedure				3
	PC6. Use to plumb bob to check the verticality.				2
	PC7. Coordinate with the team member for equal raise.				1
	PC8. Make permanent support for every 6M or advised by client.				2
	PC9. Follow the safety procedure /norms				2
	Pc10. Upkeep the area.				1
	Total				24
CON/ N 0028: Erect & Dismantling Tower in Confined area	PC1. Pre assessment of confined area	100	25	6	1
	PC2. Prepare the base for the tower.				1
	PC3. Identify, select and shift the material from yard to site.				3
	PC4. Identify Tools & tackles.				2
	PC5. Wear the PPE & take protective action during hazards.				3
	PC6. Follow the erection procedure.				2
	PC7. Use to plumb bob to check the verticality.				1
	PC8. Coordinate with the team member for equal raise.				2
	PC9. Make permanent support				2
	PC10. Follow the safety procedure /norms				1
	Pc11. Upkeep the area.				1
Total	25	6	19		
CON/ N 0029: Erect & Dismantling Tower for Staircase / lift Tower	PC1. Prepare the base for the tower.	100	24	6	2
	PC2. Identify, select and shift the material from yard to site.				2
	PC3. Identify Tools & tackles.				3
	PC4. Wear the PPE.				2
	PC5. Follow the erection procedure.				3
	PC6. Use to plumb bob to check the verticality.				3
	PC7. Coordinate with the team member for equal raise.				1

	PC8. Make permanent support for every 6M or advised by client.				3
	PC9. fellow the safety procedure /norms				2
	Pc10.Upkeep the area.				1
	Total	28	6		22
CON/ N 0030: Access Scaffold upto 18m for materials handlings and finishing works	PC1. Prepare the base for the tower.	100	29	7	2
	PC2. Identify, select and shift the material from yard to site.				1
	PC3. Identify Tools & tackles.				1
	PC4. Wear the PPE.				1
	PC5. Follow the erection procedure.				5
	PC6.Use to plumb bob to check the verticality.				3
	PC7. Coordinate with the team member for equal raise.				1
	PC8. Make permanent support for every 6M or advised by client.				5
	Pc9. fellow the safety procedure /norms				2
	Pc10.Upkeep the area.				1
Total	29	7		22	
CON/ N 0032: Erect & Dismantling of Conventional Staging (Bamboo & Pipe)	PC1. Prepare the base for the staging.	100	26	7	1
	PC2. Identify, select and shift the material from store to site.				1
	PC3. Identify Tools & tackles.				1
	PC4. Wear the Personal Protective Equipment.				1
	PC5. Follow the erection procedure reference to base lift, lift height, bay length & width.				4
	PC6.Select & use of proper knots in vertical & horizontal members & fastening of ladders.				3
	PC7. Coordinate with the team members for equal raise/lift.				1
	PC8. Make permanent support for every 6M or as advised by client.				4
	PC9. Follow the safety procedure and norms				2
	Pc10.Upkeep the area.				1
Total	26	7		19	

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 1892000 under Shuttering Carpentry 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

Summary of Direct Evidence:

Justify the NSQF level allocated to the QP by building upon the five descriptors of NSQF. Explain the reasons for allocating the level to the QP.

Generic NOS is/are linked to the overall authority attached to the job role.

Assistant Scaffolder - QP CON/Q 303

Process required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
<p>The job holder is expected to identify, select tools and tackles and carry out preparatory work like material shifting/ stacking for erection and dismantling of working platforms/ scaffolds. The nature of work is less complex having low precision, repetitive and does not involve potential hazards. Hence, skill sets required are of narrow range which can be derived by experience gathered by working in construction sites regularly for a short duration as helper. So considering the nature of work which is to assist senior to execute particular task, the job role can be placed at level 02.</p>	<p>The job holder is expected to have basic knowledge about the technical name and use of components, tools and tackles used to erect and dismantle working platforms/ scaffoldings and very basic knowledge about different sequential steps of erection. Additionally he/ she should know the use of common personal protective equipments while working in construction sites. Hence, considering the nature of knowledge the job role can be classified in level 02.</p>	<p>The job holder is expected to decide on the tools or components/ materials while selecting them for shifting or stacking, on the basis of the jobs those would be used for. However, the required skill level is less complex but it is desired that the individual should be enough analytical to judge the consequence of his/ her own work in terms of creating hazards or any kind of loss while working at a familiar environment and always follow basic safe/ standard work methods which would be essentially routine and repetitive. Considering the outcomes the job roles is placed at level 02.</p>	<p>The job holder is expected to read safety signage's, symbols at workplace, understand simply written statements and write in at least one language, communicate with co-workers clearly and concisely while working in a team at least in one language and apply basic arithmetic and computing skills while carrying out task. Since the required skill level refers to be entry levelled as it may be obtained by very basic educational qualification, the job role can be place at level 02</p>	<p>The job holder is expected to carry out basic preparatory tasks such as identification and selection of tools, preparation of base for temporary working platforms/ scaffoldings, shift and stack materials as per instruction or sometimes under close supervision of superior. The individual in this job role contribute to any operation mainly by physical output. The completed work needs to be checked and verified thoroughly by superior having higher level of competency. As the outcome of the activities are measured only quantitatively and expected to be less accurate. So it is justified to place the job role in level 02.</p>	2
Level 2	Level 2	Level 2	Level 2	Level 2	Level 2

OTHER EVIDENCE OF LEVEL [This need only be filled in where evidence other than primary outcomes was used to allocate a level] **(Optional)**

Summary of other evidence (if used):

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.

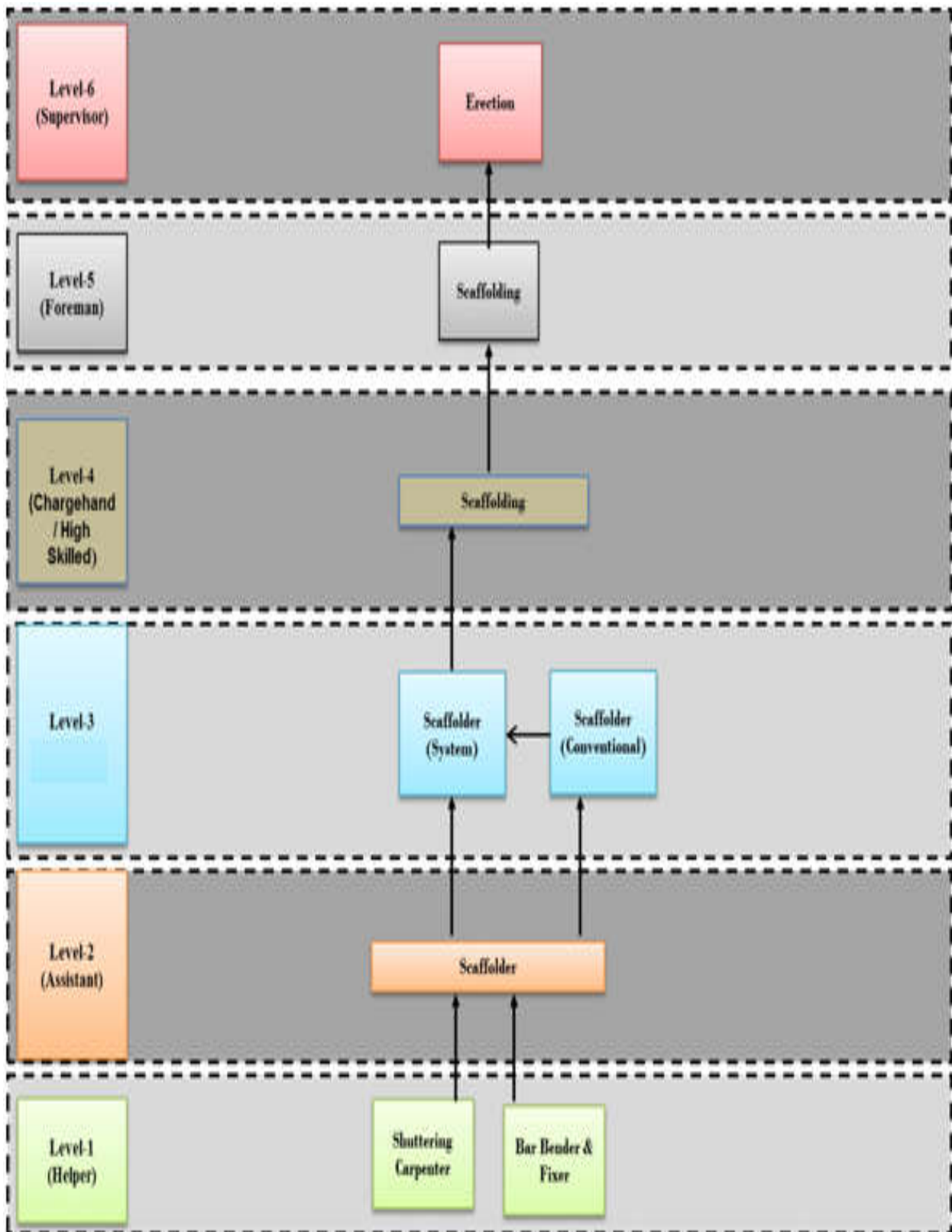
Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

1. Career Map of Assistant Scaffolding - Annexure 1
2. QP CON/Q 0303- Annexure 2

Annexure 1

Career Map



Annexure 2- QP CON/Q 0303