

NSQF QUALIFICATION FILE

Approved in 8th NSQC Meeting, Dated: 27th May 2021

Rationalized in 24th NSQC Meeting – NCVET – Dated 17.11.2022

NCVET Code

2022/WSSWM/SCGJ/06727

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Skill Council for Green Jobs,
CIBP Building, Malcha Marg,
Chankyapuri, New Delhi - 110021

Name and contact details of individual dealing with the submission

Name: Dr. Praveen Saxena
Position in the organisation: Chief Executive Officer
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List of documents submitted in support of the Qualification File

1. Model Curriculum (Annexure-I)
2. Annexure O (Annexure-II)

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SUMMARY

1	Qualification Title:	Safai Karamchari
2	Qualification Code, if any: -	SGJ/Q6102
3	NCO code and occupation: -	NCO-2015/ 5151.0201 Janitor/Housekeeping Attendant
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term):	Nature: This Qualification Pack contains National Occupation Standards for maintaining cleanliness, hygiene and safety on road cleaning and public spaces with and without mechanized equipment. Purpose of the qualification: A large number of Sanitary workers are required at the municipal corporations, malls and offices etc to clean roads, public area, washroom and buildings.
5	Body/bodies which will award the qualification:	Skill Council for Green Jobs
3	Body which will accredit providers to offer courses leading to the qualification:	Skill Council for Green Jobs
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:	Janitor/Housekeeping Attendant
9	Job description of the occupation:	Safai Karamchari sweeps, cleans and removes garbage from public areas and buildings. In public areas and roads, Safai Karamchari sweeps with a broom and / or other suitable equipment to remove dust, debris and garbage. In buildings, he/she sweeps the floor, scrubs the floor using appropriate cleaning solution to remove the fine dust. He/She removes the garbage and aggregates the garbage in the

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		designated areas.
10	Licensing requirements:	NA
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided):	-
12	Level of the qualification in the NSQF:	Level 3
13	Anticipated volume of training/learning required to complete the qualification:	330 Hours (180 hours mandatory NOS+60 hours of OJT+30 hours Employability module+ 60 hours any Elective
14	Indicative list of training tools required to deliver this qualification:	Different types and sizes of brooms for demonstration, Mops, Wiper, tools used in cleaning, Cleaning Agents (Two sets for Demonstration) Hand gloves, appropriate cloth/mask to cover head and face, reflective vest. (One for each candidate), hand sanitizer/soap, garbage bags, reflective jacket, Liquid Disinfectant, cleaning agent, wiper, mop, Vacuum cleaner, Mechanical Sweeper, Mechanical Sweeper ride, Mechanised scrubbing machine
15	Entry requirements and/or recommendations and minimum age:	Ability to read and write with 5 years of relevant experience Or 5th pass with 3 years of experience Or 8th pass with 1 year of experience Or 8th pass+ ITI Or 10th pass Or Previous relevant qualification of NSQF level 2 with 1 year of Experience Minimum Job entry age: 16 years
16	Progression from the qualification:	Vertical Progression: Assistant Sanitary Inspector (Level 4)

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		Horizontal Progression: Desludging Operator		
17	Arrangements for the Recognition of Prior learning (RPL):	<p>SCGJ recognizes that there may be candidates who have prior learning experience in the waste management and/or sanitation Sector and are desirous of being certified.</p> <ul style="list-style-type: none"> •Propose to carry out RPL for candidates working with municipalities or with other waste management organizations, across the sector •Identify the candidates through training need analysis of the waste management sector •Develop the RPL Training Delivery Plan and bridge course for bridging the skill gap •Training and certification of the candidates 		
18	International comparability where known (research evidence to be provided):	ISCO-08/5151		
19	Date of planned review of the qualification:	26 th May 2024		
20	Formal structure of the qualification Mandatory/Optional components			
	Title of component and identification code/NOSs/Learning outcomes	Mandatory /Optional/EI active	Estimated size (learning hours)	Level
	Common Module			
(I)	SGJ/N6105: Cleaning of Roads, Pavements, Public Area etc.	Mandatory	60	3
(II)	SGJ/N6106: Cleaning of floor(s) of buildings	Mandatory	60	3
(III)	SGJ/N6107: Maintain Personal Health & Safety while Cleaning	Mandatory	60	3

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	Subtotal		180	
(V)	SGJ/N6112: Cleaning of toilets	Elective 1	60	3
(VI)	SGJ/Q6113: Cleaning with mechanized cleaning tools	Elective 2	60	3
	On the Job Training(OJT)		60	
	Employability Skills(ES)		30	
	Grand Total with one elective		330	

*** candidate will undertake common module of 180 hours alongwith 30 hours of ES, and 60 hours of OJT and mandatory select one elective module (60 hours). Thus duration of the course is 330 hours with any one elective. With two electives, duration will increase to 390 hours.**

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SECTION 1 ASSESSMENT

21	Body/Bodies which will carry out assessment: Skill Council for Green Jobs through its affiliated and accredited Assessment Agency
22	How will RPL assessment be managed and who will carry it out? The RPL assessment will be carried out through pre-assessment, identifying the skills gaps, provide bridge training to cover the competency gap, where required, and then conduct final assessment of the candidates. Final assessment will be carried out by affiliated Assessment Agency of SCGJ, as per RPL Policy and Guidelines
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. 1. Assessment System Overview: <ul style="list-style-type: none">• Batches assigned to the assessment agencies for conducting the assessment on SDSM/SIP or email• Assessment agencies send the assessment confirmation to VTP/TC looping SSC• Assessment agency deploys the ToA certified Assessor for executing the assessment• SSC monitors the assessment process & records 2. Testing Environment: <ul style="list-style-type: none">• Confirm that the centre is available at the same address as mentioned on SDMS or SIP• Check the duration of the training.• Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.

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- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
- Check the mode of assessment—Online (TAB/Computer) 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 level 1 to 3 are for the unskilled & semi-skilled individuals, and level 4 and above are for the skilled, supervisor & higher management
- Assessor must be ToA certified & 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 & geotagged reporting of the assessor from assessment location
- Center photographs with signboards and scheme specific branding
- Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
- Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos

5. Method of verification or validation:

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	<ul style="list-style-type: none">• Surprise visit to the assessment location• Random audit of the batch• Random audit of any candidate <p>6. Method for assessment documentation, archiving, and access</p> <ul style="list-style-type: none">• Hard copies of the documents are stored• Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage• Soft copies of the documents & photographs of the assessment are stored in the Hard Drives
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24. Assessment evidences

CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Safai Karamchari (Elective: Wet Cleaning/ Mechanized Cleaning)

Qualification Pack SGJ/Q6102 v3.0

Sector Skill Council Green Jobs

Guidelines for Assessment

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7. In case of *unsuccessful completion*, the trainee may seek reassessment on the Qualification Pack.

Outcome Please refer to the QP-NOS for the Assessment outcome

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SECTION 2

25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Safai Karamchari (Elective: Wet Cleaning / Mechanized Cleaning) Level: 3			
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
Process	The Safai Karamchari is responsible for the following processes: <ul style="list-style-type: none">• Cleaning of Roads, Pavements and public areas• Cleaning of floors of buildings• Maintain personal health and safety• Work effectively with others while cleaning	The individual carries out a limited range of activities which are routine and predictable in nature	3
Professional knowledge	The Safai Karamchari is able to perform his/her task properly while maintaining personal health and safety	S/He knows the importance of cleaning and collecting waste	3
Professional skill	S/he performs the narrow range of work with punctuality regularly	S/He does the narrow range of activities daily	3
Core skill	S/He communicates with his peers and supervisors clearly and able to understand the general signs related to waste management	S/He communicates with his peers and supervisors clearly and able to understand the general signs related to waste management	3
Responsibility	Mostly s/he works in small groups where each	Under close supervision, Some responsibility for	3

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Title/Name of qualification/component: Safai Karamchari (Elective: Wet Cleaning / Mechanized Cleaning) Level: 3			
NSQF Domain	Outcomes of the Qualification/Component	How the job role relates to the NSQF level descriptors	NSQF Level
	other guides, so S/He works in a team and under the guidance of a Supervisor	own work within defined limit	

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SECTION 3

EVIDENCE OF NEED

26	What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?	
	Basis	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)
	Need of the qualification	Recent initiatives in the Indian context, such as "Smart Cities Mission" and "Swachh Bharat Abhiyan", provide a good opportunity for new job opportunities in the domain of waste management. Evidence of the qualification is supported by Six validations with representation from across sub sectors
	Industry Relevance	This QP is largely relevant to Municipal Corporations and contractors working in the field of collection of waste
	Usage of the qualification	Qualification Pack may be used for upskilling of the employees working with Municipal Corporation and Contractors in Mall, Public building and Offices. The waste management sector to a large extent is fragmented and informal, with many players aiming to mitigate waste generation, as well as recycle and reuse the waste in the most effective way possible. Numerous start-ups are also coming up while focusing on developing innovative approaches for waste disposal in an environment-friendly manner. They shall also provide new opportunities for employment in the sector.
Estimated uptake	It is estimated that total number of persons employed in this job role would be at least 3 lakhs by 2025 which shall rise to 6 Lakhs by year 2030. Swachh Bharat Mission, the the flagship program to deal with waste collection and its effective management in the country, is expected to provide immense employment opportunities along with providing innovative solutions in the segment.	

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27	<p>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences</p> <p>Ministry of Environment, Forest and Climate Change recommended the qualification pack</p>
28	<p>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</p> <p>Discussed the growth trajectory within each occupation after studying organisational charts of various industry players across small, medium and large scale organizations. Explored various lateral career opportunities for the discussed qualification. Ensured that there is a clear role up in terms of performance criteria qualification experience and skill requirement from lower NSQF Level to higher levels in the hierarchy. Please refer to attached career path in section 4 ‘Evidence of progression’ which clearly defines the career path.</p> <p>National Qualifications Register was searched to assess if there was any similar qualification and no overlap was found with the existing qualifications.</p>
29	<p>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</p> <p>In the Qualification Pack, review date is scheduled for after 3 years in consultation with Subject Matter Experts/Industry representatives. The monitoring of evaluation of assessments and Employer feedback will be sought post-placement, for review of the effectiveness of the Qualification.</p>

SECTION 4

EVIDENCE OF PROGRESSION

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30 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?
Show the career map here to reflect the clear progression

