

Fitter Weaving Preparatory

- ☒ Short Term Training (STT) ☐ Long Term Training (LTT) ☒ Apprenticeship
☒ Upskilling ☐ Dual/Flexi Qualification ☐ For ToT ☐ For ToA
☒ General ☐ Multi-skill (MS) ☐ Cross Sectoral (CS) ☐ Future Skills ☐ OEM

NCrF/NSQF Level: 4

Submitted By:

Textile Sector Skill Council

Contact Details:

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Section 1: Basic Details

1.	Qualification Name	Fitter Weaving Preparatory	
2.	Sector/s	Textile & Handlooms	
3.	Type of Qualification ☐ New ☒ Revised ☐ Has Electives/ Options ☐ OEM	NQR Code & version of the existing /previous qualification: QG-04-TX-01916-2024-V1.1-TSC	Qualification Name of the existing/previous version: Fitter Weaving Preparatory
4.	a. OEM Name b. Qualification Name (Wherever applicable)	NA NA	
5.	National Qualification Register (NQR) Code & Version	QG-02-TX-04106-2025-V2-TSC	6. NCrF/NSQF Level: 4
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other (Wherever applicable specify multiple entry/exits also & provide details in annexure)	Certificate	
8.	Brief Description of the Qualification	A Fitter-Weaving Preparatory, is a job-role in the weaving preparatory department. The responsibility of a Fitter (Weaving Preparatory) is to maintain all Weaving Preparatory Machines, efficiently so as to get maximum output with minimum defects giving due importance to safety and environment aspects. He/she should carry out all the maintenance aspects such as erecting, dismantling, assembling, leveling, attending & resolving repairs and breakdowns in preparatory department. He/she should also carry out regular preventive maintenance activities thus ensuring proper functioning of all machines.	

9.	Eligibility Criteria for Entry for a Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: <table border="1" data-bbox="747 233 1923 586"> <thead> <tr> <th data-bbox="747 233 869 337">S. No.</th> <th data-bbox="869 233 1415 337">Academic/Skill Qualification (with Specialization - if applicable)</th> <th data-bbox="1415 233 1923 337">Relevant Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td data-bbox="747 337 869 375">1</td> <td data-bbox="869 337 1415 375">• 12th or Equivalent</td> <td data-bbox="1415 337 1923 375">Nil</td> </tr> <tr> <td data-bbox="747 375 869 412">2</td> <td data-bbox="869 375 1415 412">• 11th or Equivalent</td> <td data-bbox="1415 375 1923 412">1.5 Years</td> </tr> <tr> <td data-bbox="747 412 869 449">3</td> <td data-bbox="869 412 1415 449">• 10th or Equivalent</td> <td data-bbox="1415 412 1923 449">3 Years</td> </tr> <tr> <td data-bbox="747 449 869 518">4</td> <td data-bbox="869 449 1415 518">• Previous relevant Qualification of NSQF Level 3.5</td> <td data-bbox="1415 449 1923 518">1.5 Years</td> </tr> <tr> <td data-bbox="747 518 869 586">5</td> <td data-bbox="869 518 1415 586">• Previous relevant Qualification of NSQF Level 3.0</td> <td data-bbox="1415 518 1923 586">3 Years</td> </tr> </tbody> </table> 18 Years				S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Relevant Experience (with Specialization - if applicable)	1	• 12th or Equivalent	Nil	2	• 11th or Equivalent	1.5 Years	3	• 10th or Equivalent	3 Years	4	• Previous relevant Qualification of NSQF Level 3.5	1.5 Years	5	• Previous relevant Qualification of NSQF Level 3.0	3 Years
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Relevant Experience (with Specialization - if applicable)																					
1	• 12th or Equivalent	Nil																					
2	• 11th or Equivalent	1.5 Years																					
3	• 10th or Equivalent	3 Years																					
4	• Previous relevant Qualification of NSQF Level 3.5	1.5 Years																					
5	• Previous relevant Qualification of NSQF Level 3.0	3 Years																					
10.	Credits Assigned to this NOS- Qualification, Subject to Assessment <i>(as per National Credit Framework (NCrF))</i>	15 Credits		11. Common Cost Norm Category (I/II/III) <i>(wherever applicable): I</i>																			
12.	Any Licensing Requirements for Undertaking Training on This Qualification	Not Applicable																					
13	Training Duration by Modes of Training Delivery <i>(Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</i>	☒ Offline Only ☐ Online Only ☐ Blended <table border="1" data-bbox="1024 1029 1713 1243"> <thead> <tr> <th data-bbox="1024 1029 1268 1138">Training Delivery Mode</th> <th data-bbox="1268 1029 1423 1138">Theory (Hours)</th> <th data-bbox="1423 1029 1579 1138">Practical (Hours)</th> <th data-bbox="1579 1029 1713 1138">Total (Hours)</th> </tr> </thead> <tbody> <tr> <td data-bbox="1024 1138 1268 1206">Classroom (offline)</td> <td data-bbox="1268 1138 1423 1206">132</td> <td data-bbox="1423 1138 1579 1206">318</td> <td data-bbox="1579 1138 1713 1206">450</td> </tr> <tr> <td data-bbox="1024 1206 1268 1243">Online</td> <td data-bbox="1268 1206 1423 1243">-</td> <td data-bbox="1423 1206 1579 1243">-</td> <td data-bbox="1579 1206 1713 1243">-</td> </tr> </tbody> </table> <i>(Refer Blended Learning Annexure for details)</i>				Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)	Classroom (offline)	132	318	450	Online	-	-	-						
Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)																				
Classroom (offline)	132	318	450																				
Online	-	-	-																				

14.	Aligned to NCO/ ISCO Code/s (if no code is available mention the same)	NCO-2015/8152.99	
15.	Progression Path After Attaining the Qualification, wherever applicable <i>(Please show Professional and Academic progression)</i>	Supervisor - Weaving	
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	Hindi	
17.	Is similar NOS available on NQR-if yes, justification for this qualification	☐ Yes ☒ No URLs of similar Qualifications:	
18.	Is the NOS Amenable to Persons with Disability	☐ Yes ☒ No If "Yes", specify applicable type of Disability:	
19.	How participation of women will be encouraged?	This Qualification/NOS is made suitable for all categories of learners including the individuals, Students, professionals with the prescribed entry qualification.	
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	☒ Yes ☐ No TSC/N9001 – Maintain work area, tools and machines TSC/N9002 – Working in a team TSC/N9003 – Maintain health, safety and security at workplace TSC/N9004 – Comply with industry and organizational requirement	
21	Is Qualification Suitable to be Offered in Schools/Colleges	Schools ☐ Yes ☒ No Colleges ☐ Yes ☒ No	
22	Name and Contact Details Submitting / Awarding Body SPOC <i>(In case of CS or MS, provide details of both Lead AB & Supporting ABs)</i>	Name: Mr. Vignesh Raja Email: raja@texskill.in Contact No.: 7502954383 Website: https://texskill.in/	
23.	Final Approval Date by NSQC: 08.05.2025	24. Validity Duration: 3 years	25. Next Review Date: 08.05.2028

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory **Pr.**-Practical **OJT**-On the Job **Man.**-Mandatory Training **Rec.**-Recommended Proj.-Project

S. n o	NOS Module Name	NOS/Module Code & Version (if applicable)	Core/ Non Core	NCrF/ NSQF Level	Credit as per NCrF	Training Duration					Assessment Marks					
						Th.	Pr.	OJT. Man	OJT. Rec	Total	Th.	Pr.	Proj.	Viva	Total	Weight age (if applicable)
1	Taking charge of shift and handing over shift to Fitter - Weaving preparatory	TSC/N2401,V 2.0	Core	4	3	30	60			90	30	50		20	100	14
2	Maintain weaving preparatory machines	TSC/N2402,V 2.0	Core	4	8	60	180			240	94	182		24	300	44
3	Maintain work area, tools and machines	TSC/N9001,V 3.0	Non Core	3	0.5	5	10			15	17	20		13	50	7
4	Working in a team	TSC/N9002,V 6.0	Non Core	3	0.5	5	10			15	19	20		11	50	7
5	Maintain health, safety and security at workplace	TSC/N9003,V 5.0	Non Core	3	1.5	15	30			45	32	40		28	100	14
6	Comply with industry and organizational requirement	TSC/N9004,V 3.0	Non Core	3	0.5	5	10			15	15	20		15	50	7
7	Employability Skills	DGT/VSQ/N0101 ,V 1.0	Non Core	2	1	12	18			30	20	30			50	7
Duration (in Hours) / Total Marks					15	132	318			450	227	362		111	700	100

Elective NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Optional NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/NSQF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Assessment - Minimum Qualifying Percentage

Please specify any one of the following:

Minimum Pass Percentage – Aggregate at qualification level: **70%**

Pass Percentage of the Qualification is scheme specific, Unless specified by scheme, it is 70% or else scheme guidelines will override it.

(Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) <i>(as per NCVET guidelines)</i>	• Diploma (10th Class + 3 years) in Textile trade with 3 years of relevant experience (Min 1 year in production + Min 2 year as trainer) (or) • CTS in the relevant trade with 4 years of relevant experience (Min 1 year in production + Min 3 year as trainer with Successfully passed Trainer Qualification MEP/Q2601, v2.0– Trainer (VET and Skills), Minimum pass percentage 80 percent and TSC/Q2401, v4.0 Fitter Weaving Preparatory, Minimum pass percentage 80 per cent
2.	Master Trainer's Qualification and experience in the relevant sector (in years) <i>(as per NCVET guidelines)</i>	Diploma/Degree/Masters/PhD in textile with at least 15/10/8/5 years of experience in textile sector with minimum 8/5/4/3 years in teaching/conducting training in Textile Research Associations, CoEs, Govt Textile organizations/ SIMA/ running textile mill
3.	Tools and Equipment Required for the Training	☒ Yes ☐ No <i>(If "Yes", details to be provided in Annexure)</i>
4.	In Case of Revised NOS, details of Any Upskilling Required for Trainer	Not Applicable

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	• ITI (Class 8th + 2 years) + 7 years of relevant experience (or) • Diploma (12th Class +2 years) in the relevant trade with 3 years of relevant experience (or) • Diploma (10th Class + 3 years) in the relevant trade with 4 years of relevant experience • UG (3-years) in the relevant trade with 2 years of relevant experience with successfully passed MEP/Q2701, v2.0 – Assessor (VET and Skills), Minimum pass percentage 80 percent and TSC/Q2401, v4.0 Fitter Weaving Preparatory, Minimum pass percentage
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		80 percent
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines), (wherever applicable)	UG in any field
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Diploma/Degree/Masters/PhD in textile with at least 15/10/8/5 years of experience in textile sector with minimum 8/5/4/3 years in teaching/conducting training in Textile Research Associations, CoEs, Govt Textile organizations/ SIMA/ running textile mill
4.	Assessment Mode (Specify the assessment mode)	Offline
5.	Tools and Equipment Required for Assessment	☐ Same as for training ☒ Yes ☐ No (details to be provided in Annexure-if it is different for Assessment)

Section 5: Evidence of the Need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No): Yes. Link - https://texskill.in/map_22/map.html
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): Yes Link - https://texskill.in/map_22/map.html
3.	Government /Industry initiatives/ requirement (Yes/No): Yes
4.	Number of Industry validation provided: 21
5.	Estimated number of people to be trained: 750
6.	Evidence of Concurrence/Consultation with Line/State Departments (In case of regulated sectors): (Yes/No): Yes If "No", why:

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrF/NSQF level justification based on NCrF/NSQF descriptors (Mandatory)	Attached. Annexure 1
2.	Annexure: List of tools and equipment relevant for NOS (Mandatory, except in case of online course)	Attached. Annexure 2
3.	Annexure: Detailed Assessment Criteria (Mandatory)	Attached. Annexure 6
4.	Annexure: Assessment Strategy (Mandatory)	Attached. Annexure 6
5.	Annexure: Blended Learning (Mandatory, in case selected Mode of delivery is Blended Learning)	Attached. Annexure 5
6.	Annexure: Multiple Entry-Exit Details (Mandatory, in case qualification has multiple Entry-Exit)	No
7.	Annexure: Acronym and Glossary (Optional)	Attached. Annexure 8
8.	Supporting Document: Model Curriculum (Mandatory – Public view)	Attached. Annexure 9
9.	Supporting Document: Career Progression (Mandatory - Public view)	Attached. Annexure 10
10.	Supporting Document: Occupational Map (Mandatory)	Attached. Annexure 11
11.	Supporting Document: Assessment SOP (Mandatory)	Attached. Annexure 7
12.	Any other document you wish to submit:	NA

Annexure 1: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
Professional Theoretical Knowledge/Process	Specialized knowledge • Possesses specialized knowledge of procedures employed in both routine and non-routine contexts. • Has complete knowledge of concept of time required for delivery; and Quality for a range of issues. • Has knowledge of collecting and interpreting the available information, drawing conclusions & communicating the same. • Understands the financial and feasibility aspect of various work/ solutions options	A fitter-weaving preparatory, is a job-role in the weaving preparatory department. the responsibility of a fitter (weaving preparatory) is to maintain all weaving preparatory machines, efficiently so as to get maximum output with minimum defects giving due importance to safety and environment aspects. The fitter should carry out all the maintenance aspects such as erecting, dismantling, assembling, leveling, attending & resolving repairs and breakdowns in preparatory department. The fitter should also carry out regular preventive maintenance activities thus ensuring proper functioning of all machines. The tasks are <i>predictable, routine and involves situations of clear choice</i> like taking charge of shift from previous shift fitter-weaving preparatory and relieving the responsibilities to the next shift fitter-weaving preparatory and carry out maintenance and/or cleaning within one's responsibility Hence NSQF Level is 4	NSQF Level 4
Professional and Technical Skills/ Expertise/ Professional Knowledge	Specialized skills • Possesses specialized professional and technical skills; displays clarity of professional knowledge and	A fitter-weaving preparatory should have the <i>Factual knowledge</i> about standard operating procedures with respect to process flow and material flow and safety standards in a typical textile weaving mill and responsibilities of a	NSQF Level 4

	technical skills in broad range of activities/ tasks. • Can apply the required knowledge for successfully implementing or applying techniques/ processes in a specific field/ job role • The ability to gain, and where relevant apply a range of knowledge, skills and understanding. • Can clearly identify the relevant tools; and has advanced knowledge of materials in most routine/ non- routine contexts. • Possesses the required operational skills for the work/ job. Skill to deliver job/ work with the required precision and in the estimated timelines. • Capabilities of carrying out a choice of processes and procedures within the range of familiar / unfamiliar contexts.	fitter-weaving preparatory. The fitter plan maintenance activities and prepares date-wise plans for maintenance and replacement of parts considering their life, and ensure that all the warping machines and sizing machines work without any problem, before leaving the work spot for the day. Hence NSQF Level is 4	
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	Team readiness & Enterpreurial readiness • Have much broader Employability Skills including understanding of career	A fitter-weaving preparatory should able to write clear and short sentences in local/regional language for making daily work report, write grievance complaint application, comprehends written instructions, and communicates with the supervisor and others appropriately and convey information effectively. The fitter applies basic arithmetic	NSQF Level 4

	planning, digital skills, financial and legal literacy. • Good Communication skills, both oral and written. • Initiative and Leadership Abilities • Advanced literacy and Numeracy skills • Has good skills for self-employment and entrepreneurship skills/ entrepreneurial Mind-set which may potentially create job for more persons (say 3 to 5) • Can comfortably use most of the basic digital tools, has clear understanding of Financial and Digital literacy, Aadhaar and Mobile, uses digital payments etc. with proficiency • Good understanding of Constitutional values & Citizenship, inclusion and Diversity. • Very Good understanding of social political and work environment	skills. The operator comprehends the regulations, natural, social and political environment of a typical weaving mill. Hence NSQF Level is 4	
Broad Learning Outcomes/Core Skill	Specialized/ complex jobs/tasks • The candidate must be able to carry out a specialized job/ work/ tasks in a familiar/	A fitter-weaving preparatory recall practical skills like checking the condition of the running beams & machine performance of both warping and sizing machines. should check for any abnormal sound/ noise in all the warping and sizing machines. The fitter	NSQF Level 4

	un-familiar, predictable/ un-predictable, routine/ non-routine, situation of multiple options/ choices • Focus on range of application of standard and non-standard procedures and somewhat complex operations in production/ services. • Able to identify the problems and a wider possible range of solutions with pros and cons in production/ services • Complex tasks are performed by himself without much instructions and supervision • Apply related occupational safety & general hygiene norms and environmental aspects. • For mini-entrepreneurs end to end clear understanding of development, production, quality parameters, and delivery and marketing processes. • Applies range of well - developed technical skills with clarity of activities involving clear choices within familiar contexts	<i>should be able to solve problems by selecting and applying basics rules and tools</i> like checking the settings in the stop motions and correct the same in case of any deviation, check the operation of counter meter and replace it if its faulty, ensure proper lubrication (oiling & greasing) in the warping machines, ensure proper lubrication (oiling & greasing) is done to the whole sizing machine. The fitter give preference to safety of machine & equipment. Hence NSQF Level is 4.	
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	- Has knowledge and is able to continuously improve processes which the individual uses for concerned job roles - Has information of associated Risks with related job roles - Uses discretion and judgement over a range of known responses to familiar problems.		
Responsibility	Self and team responsibility – Sr. Technician or Master Technician - At level 4 the candidate is a highly skilled master technician - Can perform all non-standard procedures and non-routine tasks with confidence.	A fitter-weaving preparatory takes charge of the shift after discussing in detail the issues faced with respect to the quality, production and safety, reports to the shift superior, maintains warping and sizing machines, maintains work area, tools and machines and contributes in making the workplace healthy, safe and secure and follows the industry & organizational compliance. The fitter-weaving preparatory is responsible for his own work and learning. Hence NSQF Level is 4	NSQF Level 4

Annexure 2: Tools and Equipment***List of Tools and Equipment***

Sr. No	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)
1.	Warping Machine	1
2.	Yarn Package	600
3.	Empty Warp Beams	2
4.	Size Mixer Machine Manual Size Mixer Accessories	1
5.	Ingredients For Size Preparation	1
6.	Size Mix Vessels	1
7.	Sizing Machine	1
8.	Warp Beam With Yarn	1
9.	Empty Size Beams	1

Batch Size: 30***Classroom Aids***

The aids required to conduct sessions in the classroom are:

1. Charts
2. Posters
3. Projector
4. Writing Board
5. Seating capacity for 30 candidates
6. Computer/ Laptop Specification
7. Scanner
8. Printer

Annexure 3: Industry Validations Summary

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)
1	Gorakhpur Powerloom Association	—	—	Gorakhpur	7275191939	gorakhpurpowerloomassociation@gmail.com	—
2	Uttam Textiles	Hemantbhai Jariwala	Owner	Surat	9374526010	—	—
3	Durga Processors Pvt Ltd	Dilip Kotadiya	HR Head	Surat	9824160935	hrd.durga@dppl.co.in	—
4	Digi Venmanya	Karthik	Head	Attayampatti	7708032166	digivenmanga@gmail.com	—
5	JCT Limited	Ashwani Thapar	General Manager	Phagwara	9876015157	athapar@jctltd.com	—
6	Sri Kannapiran Mills Ltd	G.Gurunathan	General Manager	SIPCOT, Perundurai	9865259591	Gurunathan.ao@kgfabriks.com	—
7	Matiy Mitra Mills	Shyam Sundar	MD	Erode	8667401256	callshyamsun@gmail.com	—
8	Unique Handloom	Misbahul Hasan	Proprietor	Gorakhpur	9807550880	—	—
9	Hasan Textiles	Faizul Haram Ansari	Proprietor	Gorakhpur	9415270639	—	—
10	MM Weaves, Salem	Ms.Sujatha	Proprietor	Attayampatti	9842196774	weavesmm@gmail.com	—
11	Chanu Creations	Kshetrimayum Indira Devi	Proprietor	Imphal	9821115226	chanucreations.skillindia@gmail.com	—
12	Mohan Spintex India Limited	Ravuri Thandav Krishna	Dy. General Manager, Admin	Mallavalli	949229726, 9490163798	hrm@mohanspintex.com	—
13	Nitin Spinners Ltd	P.N.Joshi	GM, HR	Bhilwara	—	nsln@nitinspinners.com	—
14	Sri Ram Khadi Bhandar	Rajji Singh	DM	Meerut	9219510550	—	—
15	Kumaraguru College of Technology	Dr.G.Ramakrishnan	Professor	Coimbatore	0422-2661171	Ramakrishnan.g.ft@kct.ac.in	—
16	Bunkar Sahayata Sangathan Kendra	Nasim Akhtar	Director	Uttar Pradesh	9554046673	—	—
17	Kb Philanthropy 5	Laishram Monoranjan Singh	CEO	Imphal	9612001798	Kbphilantropy5@gmail.com	—
18	The Southern India Mills Association	D. Suresh Ananda Kumar	Dy. Secretary General	Coimbatore	9790466668	suresh@simamills.org	—
19	Textile Committee	Dr.K.S.Muralidhara	Jt. Director (RSA)	Mumbai	022 66527523	Secy.tc@nic.in	—
20	Individual	G.Somasundaram	Advisor	Bangalore	9343756560	Soms28@gmail.com	—
21	Bunkar Sahkari Samiti Ltd	—	—	Gorakhpur	9807550880	—	—

Annexure 4: Training & Employment Details

Year	Estimated Training # of Total Candidates	Estimated training # of Women	Estimated training # of People with Disability
2026	750	150	NA
2027	750	150	NA
2028	750	150	NA

Training, Assessment, Certification, and Placement Data for previous versions of qualifications:

Qualification Version	Year	Total Candidates				Women				People with Disability			
		Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed
2	2022	85	77	73	36	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	-	-	-	-
1	2021	140	126	120	60	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	-	-	-	-
1	2020	0	0	0	0	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	-	-	-	-

Applicable for revised qualifications only, data to be provided year-wise for past 3 years.

List Schemes in which the previous version of Qualification was implemented:

1. PMKVY
2. Digital India Corporation. Ministry of Electronics and Information Technology

Content availability for previous versions of qualifications:

☐ Participant Handbook ☐ Facilitator Guide ☐ Digital Content ☐ Qualification Handbook ☐ Any Other:

Languages in which Content is available: English

Annexure 5: Blended Learning - NA**Blended Learning Estimated Ratio & Recommended Tools:**

Not Applicable

Refer NCVET “Guidelines for Blended Learning for Vocational Education, Training & Skilling” available on:<https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skill%20i%20ng.pdf>

S. No.	Select the Components of the NOS	List Recommended Tools – for all Selected Components	Offline: Online Ratio
1	☐ Theory/ Lectures - Imparting theoretical and conceptual knowledge	Computer, CAD Software, Graph Paper, Fabric Sample, Sketch Pens	20:80
2	☐ Imparting Soft Skills, Life Skills and Employability Skills /Mentorship to Learners	Computer, Projector	20:80
3	☐ Showing Practical Demonstrations to the learners	Computer, Projector	20:80
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	Computer, Projector	20:80
5	☐ Tutorials/ Assignments/ Drill/ Practice	Computer, CAD Software, Graph Paper, Fabric Sample, Sketch Pens	20:80
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations	Computer, CAD Software, Graph Paper, Fabric Sample, Sketch Pens	20:80
7	☐ On the Job Training (OJT)/ Project Work Internship/ Candidate Training	Computer, CAD Software, Graph Paper, Fabric Sample, Sketch Pens	20:80

Annexure 6: Detailed Assessment Criteria

Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N2401: Taking charge of shift and handing over shift to Fitter Weaving preparatory	Taking charge of shift from Fitter-Weaving Preparatory	20	36	-	9
	1. come at least 10 - 15 minutes earlier to the work spot	1	2	-	-
	2. bring the necessary operational tools to the department	2	3	-	2
	3. patrol around the machines in preparatory department and ensure smooth functioning of all the machines in the department	2	10	-	1
	4. meet the previous fitter & discuss with him/ her regarding the issues faced with respect to the quality, production, spare, safety, any other specific instruction	5	6	-	1
	5. check whether any spare/raw material/ tool / yarn / any other material are thrown under the machines or in the other work areas	5	10	-	-
	6. question the previous fitter for any deviation in the process and should bring the same to the knowledge of his/ her superior	5	5	-	5
	Handing over shift to Fitter-Weaving Preparatory	10	14	-	11
	7. hand over the shift to the incoming shift fitter in a proper manner	1	3	-	2
	8. provide all relevant information regarding the count produced, idle machines, damaged machine parts if any	4	7	-	3
	9. report to His/ Her shift Superior about the quality, production, safety issues or any other issue faced in His/ Her shift and should leave the department only after getting concurrence for the same from His/ Her superiors	2	2	-	2

	10. report to his shift superiors as well as that of the incoming shift fitter in case his/ her counterpart doesn't report for the incoming shift	2	1	-	2
	11. ensure the work spot is clean	1	1	-	2
	NOS Total	30	50	-	20
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N2402: Maintain weaving preparatory machines	Maintain Warping machines	47	75	-	22
	1. check the condition of the running beams & machine performance of both warping and sizing machines. should check for any abnormal sound/ noise in all the warping and sizing machines	2	4	-	-
	2. check whether all the stop motions are in good working condition	2	4	-	-
	3. check the cleanliness of the machines and other work areas	2	4	-	-
	4. check whether any spare/raw material/ tool /any other material is thrown under the machines or in the other work areas	2	4	-	-
	5. plan preventive maintenance schedule	3	3	-	-
	6. ensure thorough cleaning of creels of all warping machines	2	2	-	2
	7. check the settings in the stop motions and correct the same in case of any deviation	3	3	-	-
	8. check the brake drum setting and correct the same in case of any deviation	3	3	-	-
	9. check the operation of counter meter and replace it if its faulty	2	2	-	2
	10. check the comb condition and clean & adjust it properly	2	2	-	2
	11. check the empty warping beams and ensure that all the bolts are tightly fixed	2	2	-	2
	12. check and ensure that the beam flanges are not bent and are in good condition	2	2	-	2
	13. ensure that correct tare weights are written on the empty warping beams	2	2	-	2

14. ensure that the hand knitters are in good working condition	2	4	-	-
15. ensure that the air compressor is in good working condition	2	4	-	-
16. ensure that water is drained out of the compressor whenever required	2	4	-	-
17. check the air compressor line and ensure that there is no leakage in compressor air	2	2	-	2
18. ensure proper lubrication (oiling & greasing) in the warping machines	2	4	-	-
19. ensure that all the bolts in the warping machines are tightly fixed	2	4	-	-
20. ensure that there is no leakage of oil in the warping machines	2	4	-	2
21. ensure that oil is changed in the warping machines, whenever required	2	4	-	2
22. ensure that hydraulic pressure is maintained in all the warping machines	1	4	-	2
23. ensure that all the motors in all the warping machines are in good working condition	1	4	-	2
Maintain Sizing machines	33	70	-	2
24. ensure thorough cleaning of sizing creel area, sizing cylinders, size cooker, size storage vessel, sow boxes and all other parts of the sizing machine	2	2	-	2
25. ensure proper lubrication (oiling & greasing) is done to the whole sizing machine	-	6	-	-
26. ensure that there is no leakage of oil in the sizing machine	-	6	-	-
27. ensure that oil is changed whenever required in the sizing machine	-	6	-	-
28. ensure that all the bolts in the sizing machine are fixed tightly	-	6	-	-
29. attend breakdowns immediately.	3	3	-	-
30. ensure that the hydraulic rollers are in good working condition	2	3	-	-

31. ensure that the beam flanges are free from any damage	3	3	-	-
32. ensure that there is no bend in the beam flanges	3	3	-	-
33. ensure that there is no leakages in the steam line	3	3	-	-
34. ensure that all the motors in the cooking vessel, storage vessel, sizing creel, sizing machine etc. are in good working condition	2	3	-	-
35. ensure proper functioning of moisture control	3	3	-	-
36. ensure that stretch control is in proper working condition	2	4	-	-
37. ensure that the pump motor is in good working condition	2	4	-	-
38. check the shore hardness of squeeze rollers and act as per the advice of the higher authority	2	3	-	-
39. ensure that the comb is in good working condition	2	4	-	-
40. ensure that the boiler is in good working condition	2	4	-	-
41. ensure that there is no leakages in the steam line	2	4	-	-
Other work practices	14	37	-	-
42. ensure that there is no leakage in the cooker vessel, storage vessel, sow boxes etc.	2	3	-	-
43. ensure that all the weighing machines are in good working condition	2	4	-	-
44. ensure and maintain the required flange distance as per the instructions given for the running program	2	4	-	-
45. ensure that the bolts are tight in the empty beams before they are taken for sizing	2	4	-	-
46. ensure that the empty beams are cleaned properly so that the centre beam oil complaint is not there in weaving, particularly in the looms which are operated with twin beams	1	4	-	-

	47. give preference to safety of machine & equipment	2	4	-	-
	48. ensure that no raw material/ cloth/ spare/ tool / any other material is thrown under/ near the machines or in other work areas	-	6	-	-
	49. ensure that any major machine faults is immediately reported to the superiors	-	6	-	-
	50. ensure that all the warping machines and sizing machines work without any problem, before leaving the work spot for the day	3	2	-	-
	NOS Total	94	182	-	24
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N9001: Maintain work area, tools and machines	Maintaining the work area, tools and machines	17	20	-	13
	1. handle materials, machinery, equipment and tools with care and use them in the correct way	2	2	-	1
	2. use correct lifting and handling procedures	1	2	-	1
	3. use materials to minimize waste	2	1	-	1
	4. maintain a clean and hazard free working area	1	1	-	1
	5. maintain tools and equipment	2	1	-	1
	6. carry out running maintenance within agreed schedules	1	2	-	1
	7. carry out maintenance and/or cleaning within ones responsibility	1	2	-	1
	8. report unsafe equipment and other dangerous occurrences	1	2	-	-
	9. ensure that the correct machine guards are in place	1	1	-	1
	10. work in a comfortable position with the correct posture	1	1	-	1
	11. use cleaning equipment and methods appropriate for the work to be carried out	1	1	-	1
	12. dispose of waste safely in the designated location	1	2	-	1
	13. store cleaning equipment safely after use	1	1	-	1

	14. carry out cleaning according to schedules and limits of responsibility	1	1	-	1
	NOS Total	17	20	-	13
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N9002: Working in a team	Commitment and trust	5	4	-	2
	1. be accountable to the own role in whole process	2	1	-	1
	2. perform all roles with full responsibility	2	1	-	1
	3. be effective and efficient at workplace	1	2	-	-
	Communication	6	7	-	4
	4. properly communicate about company policies	1	2	-	1
	5. report all problems faced during the process	1	2	-	1
	6. talk politely with other team members and colleagues	2	1	-	1
	7. submit daily report of own performance	2	2	-	1
	Adaptability	5	4	-	3
	8. adjust in different work situations	1	1	-	1
	9. give due importance to other's point of view	2	1	-	1
	10. avoid conflicting situations	2	2	-	1
	Creative freedom	3	5	-	2
	11. develop new ideas for work procedures	1	3	-	1
	12. improve upon the existing techniques to increase process efficiency	2	2	-	1
	NOS Total	19	20	-	11
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N9003: Maintain health, safety and security	Comply with health, Safety and security requirements at work	27	35	-	23
	1. comply with health and safety related instructions applicable to the workplace	2	2	-	2

at workplace

2. use and maintain personal protective equipment such as ear plug, nose mask , head cap etc., as per protocol	2	2	-	2
3. carry out own activities in line with approved guidelines and procedures	2	2	-	2
4. maintain a healthy lifestyle and guard against dependency on intoxicants	2	2	-	2
5. follow environment management system related procedures	2	2	-	2
6. identify and correct (if possible) malfunctions in machinery and equipment	2	2	-	1
7. report any service malfunctions that cannot be rectified	2	2	-	1
8. store materials and equipment in line with organisational requirements	2	2	-	1
9. safely handle and remove waste	2	2	-	1
10. minimize health and safety risks to self and others due to own actions	1	2	-	1
11. seek clarifications, from supervisors or other authorized personnel in case of perceived risks	1	2	-	2
12. monitor the workplace and work processes for potential risks and threat	1	2	-	1
13. carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned	1	2	-	1
14. report hazards and potential risks/ threats to supervisors or other authorized personnel	1	2	-	1
15. participate in mock drills/ evacuation procedures organized at the workplace	1	2	-	-
16. undertake first aid, fire-fighting and emergency response training, if asked to do so	1	2	-	1
17. take action based on instructions in the event of fire, emergencies or accidents	1	2	-	1
18. follow organisation procedures for shutdown and evacuation when required	1	1	-	1
Recognizing the hazards	2	2	-	2

	19. identify different kinds of possible hazards (environmental, personal, ergonomic, chemical) of the industry	1	1	-	1
	20. recognise other possible security issues existing in the workplace	1	1	-	1
	Planning the safety techniques Implementing the programs	3	3	-	3
	21. recognise different measures to curb the hazards	1	1	-	1
	22. communicate the safety plan to everyone	1	1	-	1
	23. attach disciplinary rules with the implementation	1	1	-	1
	NOS Total	32	40	-	28
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N9004: Comply with industry and organizational requirement	Self development	5	9	-	7
	1. perform own duties effectively	1	2	-	2
	2. take responsibility for own actions	1	2	-	2
	3. be accountable towards the job role and assigned duties	1	2	-	1
	4. take initiative and innovate the existing methods	1	1	-	1
	5. focus on self-learning and improvement	1	2	-	1
	Team work	3	5	-	4
	6. co-ordinate with all the team members and colleagues	1	2	-	1
	7. communicate politely	1	1	-	2
	8. avoid conflicts and miscommunication	1	2	-	1
	Organisational standards	3	4	-	3
	9. know the organisational standards	1	1	-	1
	10. implement them in your performance	1	2	-	1
	11. motivate others to follow them	1	1	-	1
	Industry standards	4	2	-	1
	12. monitor the workplace and work processes for potential risks and threat	2	1	-	-
	13. align them with organisation standards	2	1	-	1

	NOS Total	15	20	-	15
DGT/VSQ/N0101: Employability Skills	Introduction to Employability Skills	1	1	-	-
	understand the significance of employability skills in meeting the job requirements				
	Constitutional values – Citizenship	1	1	-	-
	identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices.				
	Becoming a Professional in the 21st Century	1	3	-	-
	explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.				
	Basic English Skills	2	3	-	-
	speak with others using some basic English phrases or sentences				
	Communication Skills	1	1	-	-
	follow good manners while communicating with others				
	work with others in a team				
	Diversity & Inclusion	1	1	-	-
	communicate and behave appropriately with all genders and PwD				
	report any issues related to sexual harassment				
	Financial and Legal Literacy	3	4	-	-
	use various financial products and services safely and securely				
	calculate income, expenses, savings etc.				
	approach the concerned authorities for any exploitation as per legal rights and laws				
	Essential Digital Skills	4	6	-	-
	operate digital devices and use its features and applications securely and safely				
	use internet and social media platforms securely and safely				
	Entrepreneurship	3	5	-	-
	identify and assess opportunities for potential business				
	identify sources for arranging money and associated financial and legal challenges				
	Customer Service	2	2	-	-

	identify different types of customers				
	identify customer needs and address them appropriately.				
	follow appropriate hygiene and grooming standards.				
	Getting ready for apprenticeship & Jobs	1	3	-	-
	create a basic biodata				
	search for suitable jobs and apply				
	identify and register apprenticeship opportunities as per requirement				
	NOS Total	20	30	-	-

Annexure 7: Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the Candidate on the required competencies of the program.

Mention the detailed assessment strategy in the provided template.

1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SDMS/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:

- 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.
- If the batch size is more than 30, then there should be 2 Assessors.
- 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
 - Centre 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:
- Surprise visit to the assessment location
 - Random audit of the batch
 - Random audit of any candidate
6. Method for assessment documentation, archiving, and access
- 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

Annexure 8: Acronym and Glossary**Acronym**

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework

Glossary

Term	Description
National Occupational Standards (NOS)	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities on the basis of their main economic function, product, service or technology.