

Textile Finishing Machine Operator

- ☒ 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: 2

Submitted By:

Textile Sector Skill Council

Contact Details:

Dr. Swapna Mishra
Chief Executive Officer,
M: 98182-17453

Textile Sector Skill Council,
Unit 1011-1013, 10th Floor, Ambadeep Building,
14 Kasturba Gandhi Marg,
New Delhi – 110001.

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Section 1: Basic Details

1.	Qualification Name	Textile Finishing Machine Operator	
2.	Sector/s	Textile & Handlooms	
3.	Type of Qualification ☐ New ☒ Revised ☐ Has Electives/ Options ☐ OEM	NQR Code & version of the existing /previous qualification: QG-02-TX-01896-2024-V1.1-TSC	Qualification Name of the existing/previous version: Textile Finishing Machine Operator
4.	a. OEM Name b. Qualification Name (Wherever applicable)	NA NA	
5.	National Qualification Register (NQR) Code & Version	QG-02-TX-04099-2025-V2-TSC	6. NCrF/NSQF Level: 2
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 Textile Finishing Machine Operator is responsible to do the specified job of drying, heat setting and finishing of fabric with proper control of parameters to get the desired effect. This job requires the individual to have thorough knowledge of process flow and material flow in a processing mill for fabric production and should know the important functions and operations of a finishing machine.	

9.	Eligibility Criteria for Entry for a Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: <table border="1" data-bbox="793 233 1789 410"> <tr> <th data-bbox="793 233 898 370">S. No.</th> <th data-bbox="898 233 1360 370">Academic/Skill Qualification (with Specialization - if applicable)</th> <th data-bbox="1360 233 1789 370">Relevant Experience (with Specialization - if applicable)</th> </tr> <tr> <td data-bbox="793 370 898 410">1</td> <td data-bbox="898 370 1360 410">Ability to read and write</td> <td data-bbox="1360 370 1789 410">Nil</td> </tr> </table> 18 Years				S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Relevant Experience (with Specialization - if applicable)	1	Ability to read and write	Nil						
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Relevant Experience (with Specialization - if applicable)															
1	Ability to read and write	Nil															
10.	Credits Assigned to this NOS-Qualification, Subject to Assessment (as per National Credit Framework (NCrF))	9 Credits		11. Common Cost Norm Category (I/II/III) (wherever applicable): I													
12.	Any Licensing Requirements for Undertaking Training on This Qualification	Not Applicable															
13.	Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	☒ Offline Only ☐ Online Only ☐ Blended <table border="1" data-bbox="1073 1008 1759 1222"> <tr> <th data-bbox="1073 1008 1318 1117">Training Delivery Mode</th> <th data-bbox="1318 1008 1472 1117">Theory (Hours)</th> <th data-bbox="1472 1008 1625 1117">Practical (Hours)</th> <th data-bbox="1625 1008 1759 1117">Total (Hours)</th> </tr> <tr> <td data-bbox="1073 1117 1318 1182">Classroom (offline)</td> <td data-bbox="1318 1117 1472 1182">87</td> <td data-bbox="1472 1117 1625 1182">183</td> <td data-bbox="1625 1117 1759 1182">270</td> </tr> <tr> <td data-bbox="1073 1182 1318 1222">Online</td> <td data-bbox="1318 1182 1472 1222">-</td> <td data-bbox="1472 1182 1625 1222">-</td> <td data-bbox="1625 1182 1759 1222">-</td> </tr> </table> (Refer Blended Learning Annexure for details)				Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)	Classroom (offline)	87	183	270	Online	-	-	-
Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)														
Classroom (offline)	87	183	270														
Online	-	-	-														

14.	Aligned to NCO/ ISCO Code/s (if no code is available mention the same)	NCO-2015/8154.21
15.	Progression Path After Attaining the Qualification, wherever applicable <i>(Please show Professional and Academic progression)</i>	Assistant Fitter - Processing
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/N9015 - Follow machine, safety and organizational guidelines in textile sector TSC/N9016 - Follow teamwork, adaptability, and communication guidelines in textile sector
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	Weightage (if applicable)
1	Follow machine, safety and organizational guidelines in textile sector	TSC/N9015,V 2.0	Non Core	4	2.5	25	50			75	65	80		50	195	20
2	Follow teamwork, adaptability, and communication guidelines in textile sector	TSC/N9016,V 2.0	Non Core	4	0.5	5	10			15	15	20		10	45	5
3	Employability Skills	DGT/VSQ/N0101, V 1.0	Non Core	2	1	12	18			30	20	30			50	5
Duration (in Hours) / Total Marks					4	42	78			120	100	130		60	290	30

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					Assessment Marks					
						Th.	Pr.	OJT. Man	OJT. Rec	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (if applicable)
1	Carryout shift change, production and preparation of chemicals at stenter machine department	TSC/N5415, V 1.0	Core	2	5	45	105			150	200	410		50	660	70
2	Carryout shift change, production and quality analyse at sanforising department	TSC/N5416, V 1.0	Core	2	5	45	105			150	200	410		50	660	70
3	Carryout shift change, production and quality analyse at relax dryer department	TSC/N5417, V 1.0	Core	2	5	45	105			150	200	410		50	660	70
4	Carryout shift change, production and quality analyse at compacting department	TSC/N5418, V 1.0	Core	2	5	45	105			150	200	410		50	660	70
Duration (in Hours) / Total Marks					20	180	420			600	800	1640		200	2640	280

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: **50%**

Pass Percentage of the Qualification is scheme specific, Unless specified by scheme, it is 50% 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>	• Ability to read & and write with 5 years of relevant experience (Min 1 year in production + Min 4 years as trainer +) • Grade 8 with two years of (NTC/ NAC) with Successfully passed Trainer Qualification MEP/Q2601, v2.0– Trainer (VET and Skills), Minimum pass percentage 80 percent and TSC/Q5405, v3.0 Textile Finishing Machine Operator, 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>	• Diploma (10th Class + 3 years) in the relevant trade with 4 years of relevant experience (or) • Diploma (12th Class +2 years) in the relevant trade with 3 year of relevant experience (or) • 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/Q5405, v3.0 Textile Finishing Machine Operator, Minimum pass percentage 80 percent
2.	Proctor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines), (wherever applicable)</i>	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: 20
5.	Estimated number of people to be trained: 1000
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	Fundamental knowledge - Basic working/ operational knowledge in the area of work. - Understands basic materials, tools, applications in a limited context. - For self-help group member/ micro-entrepreneur basic working knowledge of business activity, raw material, finished product/ service, and local market. - Able to understand and perform repetitive tasks under instructions and supervision. - Understand the basic quality, safety and general hygiene norms. Familiarity with environmental aspects.	A textile finishing machine operator carry out process that are repetitive on regular basis like the specified job of drying, heat setting and finishing of fabric with proper control of parameters to get the desired effect & smooth operation of machine without damaging either fabric or machine with instructions from his supervisor. This operator knows about the causes that may result in machine faults and carries out routine cleaning and maintenance of the machine within his limits of responsibility to ensure that quality and productivity is maintained. For unprecedented situations, he has to report to the supervisor. Hence NSQF Level is 2	NSQF Level 2
Professional and Technical Skills/ Expertise/ Professional Knowledge	Limited finite skills - Limited related skills in predefined context. - Performs structured tasks in a limited range of functional roles. - Uses known solutions to familiar problems.	A textile finishing machine operator understands context of work and quality with respect to process flow and material flow and safety standards in a typical textile processing unit and responsibilities of finishing machine operator. The operator should also know requirement of optimum mangle pressure for drying & finishing processes, various defects	NSQF Level 2

	• Skill to identify and use relevant tools and materials in a limited context of work and quality. • For self-help group members, micro-entrepreneurs working skills for making or manufacturing (handicraft, traditional items, etc) service & marketing etc.	in the fabric due to processing & their remedy. This operator should understand functions and methodology for operating different material handling equipment, and should know safe working practices for cleaning and the method of carrying them out on regular basis. Hence NSQF Level is 2	
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	Employment readiness • Ability to read and write and do simple computational math – numeracy and literacy. • Receive and transmit written and oral messages/ communication clearly. • Works within a team as assistant • Understanding of safety, hygiene and environment, social, political and religious diversity. • Have broader but basic Employability Skills including basic self-employment/ entrepreneurial Mind-set for mini businesses • Have understanding of use of Financial and Digital literacy, Aadhar and Mobile, digital payments etc.	A textile finishing machine operator should be able to receive and transmit written and oral messages 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 operator must comprehend the regulations, natural, social and political environment of a typical processing unit. • Hence NSQF Level is 2	NSQF Level 2
Broad Learning Outcomes/Core	Carry out the Predefined tasks	A textile finishing machine operator assist in professional works like taking charge and	NSQF Level 2

Skill	• The candidate may carry out a job requiring limited range of routine and predictable activities. • Tasks are mostly performed under instructions and supervision • Focus on practice of skill and work, both predefined and new. • For self-help group members, micro-entrepreneurs (JSS) end to end clear understanding of process and delivery. • Understands basic safety and general hygiene norms.	handing over of the shift, operating the machine and ensuring quality production. Demonstrate the organization's rules, codes and guidelines (including timekeeping). The importance of running maintenance and regular cleaning, Safety procedures to be followed in the machine. The tasks will be routine, repetitive and requires limited service skill. In case of unexpected faults or issues the operator will report to the shift supervisor. Hence NSQF Level is 2	
Responsibility	Assistant • Works mostly under instruction and supervision. • Limited responsibility for delivery and quality of work. • For self-help group members, micro-entrepreneurs (JSS) end to end responsibility of production and marketing in local markets.	A textile finishing machine operator works under instruction and close supervision like 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, maintaining work area, tools and machines and contributes in making the workplace healthy, safe and secure and follows the industry & organizational compliance. The textile finishing machine operator has no responsibility for own work and learning. • Hence NSQF Level is 2	NSQF Level 2

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.	Stenter Machine	1
2.	Fabric	500
3.	Empty Fabric Rolls	1
4.	Finishing Machine	1
5.	Fabric	500
6.	Empty Fabric Rolls	1
7.	Relax Dryer Machine	1
8.	Fabric	500
9.	Empty Fabric Rolls s	1
10.	Compacting Machine	1
11.	Fabric	500
12.	Empty Fabric Rolls	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	North East Development Consortium (NEDC)	Jayanta Baruah	Chief Executive Officer	Place: Guwahati	9864958553	nedc2009@gmail.com	—
2	Uttam Textiles	Hemantbhai Jariwala	Owner	Place: Surat	9374526010	—	—
3	Durga Processors Pvt Ltd	Dilip Kotadiya	HR Head	Place: Surat	9824160935	hrd durga@dppl.co.in	—
4	Digi Venmanya	Karthik	Head	Place: Attayampatti	7708032166	digivenmanga@gmail.com	—
5	JCT Limited	Ashwani Thapar	General Manager	Place: Phagwara	9876015157	athapar@jctltd.com	—
6	Sri Kannapiran Mills Limited	G.Gurunathan	General Manager	Place: Sipcot, Perundurai	9865259591	gurunathan.ao@kgfabriks.com	—
7	Matiy Mitra Mills	Shyam Sundar	MD	Place: Erode	8667401256	callshyamsun@gmail.com	—
8	TBL Education (I) Pvt Ltd	Neetika Gupta	National Head	Place: Guwahati	9582941460	Tbl.eduindia@gmail.com	—
9	Valeur Fabtex Pvt Ltd	Harsh Chamaria	Director	Place: New Delhi	9910211484	director@valeurfabtex.com	—
10	MM Weaves, Salem	Ms.Sujatha	Proprietor	Place: Attayampatti	9842196774	weavesmm@gmail.com	—
11	Chanu Creations	Kshetrimayum Indira Devi	Proprietor	Place: Imphal	9821115226	chanucreations.skillindia@gmail.com	—
12	Mohan Spintex India Limited	Ravuri Thandav Krishna	Dy. General Manager, Admin	Place: Mallavalli	9492297269, 9490163798	hrm@mohanspintex.com	—
13	Nitin Spinners Ltd	P.N.Joshi	General Manager, HR	Place: Bhilwara	—	nsf@nitinspinners.com	—
14	Reliance Chemotex	G.S.Rathore	Factory Manager	Place: Udaipur	+91 294 2491489 / 90	udaipur@reliancechemotex.com	—
15	Kumaraguru College of Technology	Dr.G.Ramakrishnan	Professor	Place: Coimbatore	0422-2661171	ramakrishnan.g.ft@kct.ac.in	—

16	Eeshanau Foundation	Chaningleima Oinam	Secretary	Place: Imphal	9856031407 / 8974998624	chaningoinam@gmail.com	—
17	Kb Philanthropy 5	Laishram Monoranjan Singh	CEO	Place: Imphal	9612001798	Kbphilantropy5@gmail.com	—
18	The Southern India Mills Association	D. Suresh Ananda Kumar	Dy. Secretary General	Place: Coimbatore	9790466668	suresh@simamills.org	—
19	Textile Committee	Dr.K.S.Muralidhara	Jt. Director (RSA)	Place: Mumbai	022 66527523	secy.tc@nic.in	—
20	Individual	G.Somasundaram	Advisor	Place: Bangalore	9343756560	soms28@gmail.com	—

Annexure 4: Training & Employment Details

Year	Estimated Training # of Total Candidates	Estimated training # of Women	Estimated training # of People with Disability
2026	1000	200	NA
2027	1000	200	NA
2028	1000	200	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	40	36	34	17	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	NA. Data Requested from NSDC	-	-	-	-
1	2021	45	41	38	19	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/N9015: Follow machine, safety & organizational guidelines in Textile sector	Maintaining the work area, tools and machines	10	10	-	6
	1. handle materials, machinery, equipment and tools as per standard procedure	1	1	-	1
	2. use appropriate material handling equipment and tools as per standard procedure	1	1	-	-
	3. keep the equipment, machine and work area clean using appropriate cleaning tools as per standard procedure	1	1	-	1
	4. undertake minor routine maintenance of equipment and tools as per standard maintenance procedure	1	1	-	1
	5. maintain record for defective and unsafe equipment and tools	1	1	-	-
	6. verify that machine guards are in place as per standard specifications	1	1	-	1
	7. follow specified ergonomics for the assigned job role in textile sector	1	1	-	-
	8. collect and store worn-out spare parts at specified location	1	1	-	1
	9. report the condition of worn out parts as per standard procedure	2	2	-	1
	Greening and energy conservation in textile sector	7	10	-	6
	10. segregate wastes such as recyclable, non- recyclable, hazardous as per standard protocol	3	4	-	2
	11. optimize usage of material and resources including water, electricity in various tasks	2	3	-	2

12. switch off the machines and lights when not in use	2	3	-	2
Health, safety and response to emergencies at textile sector	32	40	-	28
13. use Personal Protective Equipment (PPEs) like body protector, ear plugs, nose mask, head cap, etc. as per guidelines	2	3	-	2
14. identify abnormal sounds emanating from faulty or worn out machine parts and take appropriate action	2	3	-	2
15. avoid dependency on any type of intoxicants	2	3	-	2
16. maintain social distance as per the instruction at workplace	2	3	-	2
17. report hazardous material to superiors at workplace	2	3	-	2
18. use the various appropriate fire extinguishers on different types of fires correctly	2	3		2
19. follow the specified steps in case of electricity failure	2	3	-	2
20. lift heavy objects using correct lifting procedures	2	3	-	2
21. recall emergency exits, safe spots, etc. of workplace	2	2	-	2
22. practice mock drills and evacuation procedures organized by industry	2	2	-	2
23. assist others to reach to safe spots in emergency situations	2	2	-	2
24. provide basic first aid for injury to peers and report to superiors	2	2	-	2
25. interpret different signs, alarms and take action appropriately	2	2	-	1
26. follow the guidelines while working in hazards atmosphere	2	2	-	1

	27. assist in designing the safety plans with peers and superiors	2	2	-	1
	28. follow the approved safety plans at workplace	2	2	-	1
	Organizational standards and policies	16	20	-	10
	29. perform assigned duties as per organization's protocol within scheduled time period	3	3	-	2
	30. follow organization policies, quality standards, rules and regulations for working in textile sector	3	3	-	2
	31. motivate colleagues to follow operational guidelines of organization	3	3	-	2
	32. wear specified uniform and follow etiquette as per standard guidelines for the textile sector	3	3	-	2
	33. maintain hygienic working atmosphere as per protocol of the textile sector	2	4	-	1
	34. submit lost and found articles as per standard protocol	2	4	-	1
	NOS Total	65	80	-	50
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
TSC/N9016. Follow teamwork, adaptability and communication guidelines in Textile sector	Teamwork, trust and communication	10	15	-	5
	1. contribute to create a positive work environment in the team	1	1	-	1
	2. carry out tasks as per instructions received from superiors	1	2	-	1
	3. contribute to team work as per allocated responsibility to complete the task by using appropriate tools and methods	1	1	-	-
	4. build trust with team mates and superiors	1	1	-	-

5. implement the ideas after superior's approval at work place	-	1	-	-
6. communicate clearly with the team members as per standard protocol	-	1	-	-
7. use suggested hand signs, vocal sound signals to convey the information in the production area	1	2	-	-
8. listen effectively to the ideas and concerns of the peers	1	1	-	-
9. use correct and respectful terms while communicating as per industry policy	1	1	-	1
10. express views proactively and effectively	1	1	-	1
11. make efforts to resolve difference of opinion with superiors and team members	1	1	-	-
12. report to superior for problems identified in assigned duty	-	1	-	-
13. report the daily performance to superior in prescribed manner and formats	1	1	-	1
Adaptability	5	5	-	5
14. adapt to flexible work environment for the assigned task	1	1	-	1
15. adapt to work with various members of different ethnicity, gender and PwD without biases	1	1	-	1
16. consider opinions of colleagues, fitters, superiors for the assigned task	1	1	-	1
17. plan the work-routine within the limits of the responsibility	1	1	-	1
18. adopt new ideas after due approval from superior for improving the productivity	1	1	-	1
NOS Total	15	20	-	10

Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Elective 1 – TSC/N5415: Carryout shift change, production and preparation of chemicals at stenter machine department	Taking charge of shift from Stenter Machine Operator	9	10	-	11
	1. come at least 10 - 15 minutes earlier to the work place	-	-	-	1
	2. bring the necessary operational tools to the department	1	1	-	1
	3. meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality, production, spare, safety or any other specific instruction etc.	1	1	-	1
	4. understand the fabric being processed & process running on the machine	1	1	-	1
	5. ensure the technical details are mentioned on the job card display on the machine	-	1	-	1
	6. check for the availability of the spare trolley / batching trolley for unloading the fabric	1	1	-	1
	7. check the next batch to be processed is ready near the machine	1	1	-	1
	8. ensure the required chemicals are already weighed & prepared	1	1	-	1
	9. check the cleanliness of the machines & other work areas	1	1	-	1
	10. question the previous shift operator for any deviation in the above and bring the same to the knowledge of his/ her shift superior as well as that of the previous shift.	1	1	-	1
	11. take charge of the shift from the outgoing Stenter Machine Operator in a proper manner	1	1	-	1
	Handing over shift to Stenter Machine Operator	9	10	-	11
	12. ensure in providing the details regarding fabric quality & the process running on the machine	1	1	-	1
	13. to provide all relevant information regarding the stoppages or breakdown in the machine, any damage to the fabric or machine.	1	1	-	1
	14. ensure the empty trolley is near the machine for unloading the fabric	1	1	-	1

15. ensure the next lot to be processed is ready near the machine already stitched & arranged properly	1	1	-	1
16. ensure the required chemicals for the next lot or next process are weighed & prepared	1	1	-	1
17. get clearance from the incoming counterpart before leaving the work spot	-	1	-	1
18. report to his/ her shift superiors as well as that of the incoming shift operator in case his/ her counterpart doesn't report for the incoming shift	1	1	-	1
19. ensure the shift has to be properly handed over to the incoming shift operator	1	1	-	1
20. report to his/ her shift superior about the quality / production / safety issues/ any other issue faced in his/ her shift and should leave the department only after getting concurrence for the same from his/ her superiors	1	1	-	1
21. collect the wastes from waste collection bags, weigh them and transport to storage area	1	1	-	1
22. ensure the machine and its work place is clean	1	1	-	1
Carry out preparatory activities for operations in the machine	10	20	-	8
1. Clean the machine properly including filters, radiators, exhaust system, cooling zone, entry & exit rails, feeding & delivery ends, chemical trough & squeezing rolls.	4	8	-	3
2. feed the fabric from the batch or trolley using guide rolls, compensating device & fabric centering devices	3	6	-	3
3. Check the fabric width & set the machine width accordingly	3	6	-	2
Operate the machine for specified tasks as per Work Order	50	100	-	5
4. know the operations of the machine	5	11	-	-
5. read & understand the process being followed to do the task	5	11	-	1
6. set the width maximum and minimum once a day keep even tension on fabric throughout the process	5	11	-	-

7. keep optimum pressure of the squeezer rolls to get specified results	5	11	-	1
8. set the required temp & fan speeds in all chambers	6	11	-	-
9. feed the fabric to the stenter chain	6	11	-	1
10. adjust the overfeed device as per the requirement of the fabric	6	11	-	-
11. start the machine & take out the fabric at the delivery end	6	11	-	1
12. check various control parameters such as temp, fabric width, mangle pressure & machine speed at regular interval	6	12	-	1
Clean the machine on a regular basis and carryout preventive maintenance activities	50	100	-	5
13. make sure the machine is kept clean at all times, before loading, while running & after unloading the fabric	10	20	-	1
14. follow the preventive maintenance schedule & ensure the machine is running smoothly	10	20	-	1
15. check that all controls are functioning properly	10	20	-	1
16. ensure the right quality of water, steam & air is available for proper functioning of machine	10	20	-	1
17. cool down the machine after completion of the job	10	20	-	1
Dissolving and mixing the chemicals	36	85	-	5
1. dissolve the pre weighed or dispensed chemicals in the drum	12	29	-	2
2. stir & mix the chemicals properly to make a homogenous liquid	12	28	-	2
3. adjust the ph, temp & concentration of the mixture as specified in the finishing recipe	12	28	-	1
Feeding the chemicals into the mangle trough	36	85	-	5
4. Filter through filtering cloth and, feed the chemicals either manually or via pump to the mangle trough	18	43	-	3
5. adjust the mangle pressure to get the required pick up	18	42	-	2
NOS Total	200	410	-	50

Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Elective 2 – TSC/N5416: Carryout shift change, production and quality analyse at sanforising department	Taking charge of shift from Finishing machine operator (Sanforizer)	9	10	-	11
	1. come at least 10 - 15 minutes earlier to the work place	1	1	-	2
	2. bring the necessary operational tools to the department	1	1	-	1
	3. meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality or production or spare or safety or any other specific instruction etc	1	1	-	1
	4. Understand the fabric being processed & process running on the machine	1	1	-	1
	5. Ensure the technical details are mentioned on the job card display on the machine	1	1	-	1
	6. check for the availability of the spare trolley for unloading the fabric	1	1	-	1
	7. check the next batch to be processed is ready near the machine	1	1	-	1
	8. ensure the required dyes & chemicals are already weighed & prepared	1	1	-	1
	9. check the cleanliness of the machines & other work areas	1	1	-	1
	10. Question the previous shift operator for any deviation in the above and bring the same to the knowledge of His/ Her shift Superior as well that of the previous shift as well	-	1	-	1
	Handing Over Shift to Finishing machine operator (zerozero/ compactor)	9	10	-	11
	11. hand over the shift to the incoming operator in a proper manner	1	1	-	1
	12. Ensure in providing the details regarding fabric quality & the process running on the machine	1	1	-	1
	13. Provide all relevant information regarding the stoppages or breakdown in the machine, any damage to the fabric or machine	1	1	-	1
	14. ensure the empty trolley is near the machine for unloading the fabric	1	1	-	1
	15. ensure the next lot to be processed is ready near the machine already stitched & arranged properly	1	1	-	1

16. Ensure the required dyes & chemicals for the next lot or next process are weighed & prepared	1	1	-	1
17. get clearance from the incoming counterpart before leaving the work spot	1	1	-	1
18. report to His/ Her shift Superiors as well as that of the incoming shift operator in case His/ Her counterpart doesn't report for the incoming shift	1	1	-	1
19. Ensure the shift has to be properly handed over to the incoming shift operator	1	1	-	1
20. report to His/ Her shift Superior about the quality / production / safety issues/ any other issue faced in His/ Her shift and should leave the department only after getting concurrence for the same from His/ her superiors	-	1	-	1
21. collect the wastes from waste collection bags, weigh them and transport to storage area	-	-	-	1
22. ensure the machine and its work place is clean	-	-	-	1
Carry out preparatory activities for operations in the machine	52	110	-	8
1. understand the task mentioned in the work order	4	9	-	1
2. read & understand the fabric parameters properly	4	9	-	-
3. bring the fabric trolley or batch near the machine	4	9	-	1
4. join the feeding cloth/ end piece to the fabric to be processed	4	9	-	-
5. check for any unstitched or loose ends & join them	4	9	-	1
6. check the width of the fabric before sanforizing	4	9	-	-
7. ensure that the machine is clean	4	8	-	1
8. feed the fabric from the batch/trolley in the center of the machine	4	8	-	1
9. ensure fabric is crease-less and evenly spread into the machine	4	8	-	1
10. open steam valve & drain the condensate from the line	4	8	-	1
11. drain water from air line	4	8	-	-
12. set the overfeed & the compression values as specified in the work order	4	8	-	-
13. arrange empty trolley or batch for rolling at the exit end	4	8	-	1

Operate the machine for specified tasks as per Work Order	50	110	-	8
14. know the operations of the sanforizing machine	3	7	-	1
15. read & understand the process being followed to do the task	3	7	-	-
16. keep even tension on fabric throughout the process	3	6	-	-
17. adjust the Rubber Felt compression to the desired level and in accordance with rubber felt supplier norms	3	6	-	-
18. use selvedge uncurlers& fabric spreader rollers for feeding the fabric	3	6	-	-
19. set the required temp of machine	3	6	-	1
20. set the required pressure of compression roller on the felt	3	6	-	-
21. start the machine & adjust the overfeed & compression to the optimum	3	6	-	1
22. ensure that all safety devices are operational	3	6	-	-
23. take out fabric either on batch or trolley from the other end	3	6	-	1
24. check the width of the fabric after sanforizing	3	6	-	-
25. check the fabric for feel, lustre & other parameters as specified	3	6	-	1
26. adjust the machine speed or overfeed according to required finish	3	6	-	-
27. keep next trolley or batch ready both at entry and exit	3	6	-	1
28. use scray or j- box for continuous operation of machine	2	6	-	-
29. record the shift production in the production register	2	6	-	1
30. record all stoppages & breakdowns in the register	2	6	-	-
31. cool down the machine before shutting down completely	2	6	-	1
Clean the machine on a regular basis and carryout preventive maintenance activities	40	85	-	7
32. make sure the machine is kept clean at all times	5	11	-	1
33. follow the preventive maintenance schedule & ensure the machine is running smoothly	5	11	-	1
34. check that all controls are functioning properly	5	11	-	1
35. ensure the right quality of water, steam & air is available for proper functioning of machine	5	11	-	1

	36. ensure there is no leakage in steam, air or water line	5	11	-	1
	37. oiling the moving parts of machine as specified in the operation manual	5	10	-	1
	38. stop the machine in case of any abnormal sound & report the matter to the concerned person & supervisor	5	10	-	1
	39. cool down the machine after completion of job	5	10	-	-
	Taking out the sample after sanforizing & comparing it with the standard	40	85	-	5
	1. Taking out the sample after sanforizing near the stitch	14	29	-	2
	2. Compare the sample with the standard	13	28	-	2
	3. Take the sample to your supervisor if the sample is not matching to the standard for decision	13	28	-	1
	NOS Total	200	410	-	50
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Elective 3 – TSC/N5417: Carryout shift change, production and quality analyse at relax dryer department	Taking charge of shift from Relax Dryer operator	9	10	-	11
	1. come at least 10 - 15 minutes earlier to the work place	-	-	-	1
	2. bring the necessary operational tools to the department	1	1	-	1
	3. meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality, production, spare, safety or any other specific instruction etc	1	1	-	1
	4. Understand the fabric being processed & process running on the machine	1	1	-	1
	5. Ensure the technical details are mentioned on the job card display on the machine	-	1	-	1
	6. check for the availability of the spare trolley for unloading the fabric	1	1	-	1
	7. check the next batch to be processed is ready near the machine	1	1	-	1
	8. Ensure that the machine & its control functions are working properly	1	1	-	1
	9. check the cleanliness of the machines & other work areas	1	1	-	1

10. question the previous shift operator for any deviation in the above and should bring the same to the knowledge of His/ Her shift Superior as well as that of the previous shift	1	1	-	1
11. take over the shift from the outgoing operator in a proper manner	1	1	-	1
Handing Over Shift to Relax Dryer operator	9	10	-	11
12. ensure in providing the details regarding fabric quality & the process running on the machine	-	-	-	1
13. provide all relevant information regarding the stoppages or breakdown in the machine, any damage to the fabric or machine	1	1	-	1
14. ensure the empty trolley is near the machine for unloading the fabric	1	1	-	1
15. ensure the next lot to be processed is ready near the machine already stitched & arranged properly	1	1	-	1
16. Ensure that machine control functions are working properly	-	1	-	1
17. get clearance from the incoming counterpart before leaving the work spot	1	1	-	1
18. report to his/ her shift superiors as well as that of the incoming shift operator in case his/ her counterpart doesn't report for the incoming shift	1	1	-	1
19. ensure the shift is properly handed over to the incoming shift operator	1	1	-	1
20. report to his/ her shift superior about the quality / production / safety issues/ any other issue faced in his/ her shift and should leave the department only after getting concurrence for the same from his/ her superiors	1	1	-	1
21. collect the wastes from waste collection bags, weigh them and transport to storage area	1	1	-	1
22. ensure the machine and its work place is clean	1	1	-	1
Carry out preparatory activities for operations of the machine	52	110	-	8
1. understand the task mentioned in the work order	6	11	-	1
2. read & understand the fabric parameters properly	6	11	-	-

3. ensure that the machine is clean	5	11	-	1
4. clean all filters properly	5	11	-	1
5. open steam valve & drain condensate from the line	5	11	-	1
6. drain water, from the air line	5	11	-	-
7. start blowers to heat the machine	5	11	-	1
8. bring the fabric trolley near the machine	5	11	-	1
9. join the loose ends properly	5	11	-	1
10. keep empty trolley ready in the front for taking fabric	5	11	-	1
Operate the machine for specified tasks as per Work Order	50	110	-	8
11. know the operations of relax dryer machine	4	6	-	1
12. read & understand the process being followed to do the task	4	6	-	-
13. the required temp in all chambers	3	7	-	1
14. fabric through guide rolls to the overfeeding roller	3	7	-	-
15. the fabric evenly and ensure fabric coverage of 95% to 100% in line with belt width	3	7	-	1
16. the overfeed values as per the requirement of fabric quality	3	7	-	-
17. ensure tensionless feeding of fabric	3	7	-	1
18. ensure that all safety devices are operational	3	7	-	-
19. out fabric from exit end in the trolley	3	7	-	1
20. check the fabric width after drying	3	7	-	-
21. check moisture content in the fabric to avoid over drying	3	7	-	1
22. adjust machine speed accordingly	3	7	-	-
23. adjust overfeed values as specified	3	7	-	1
24. keep next trolley ready both at entry & exit	3	7	-	-
25. shift production in the production register	3	7	-	1
26. all machine stoppages in the book	3	7	-	-
Clean the machine and carryout preventive maintenance activities	40	85	-	7
27. keep the machine clean at all times	8	17	-	2

	28. follow the preventive maintenance schedule & ensure the machine is running smoothly	8	17	-	2
	29. check that all controls are functioning properly	8	17	-	1
	30. ensure enough supply of utilities such as water, air & steam for proper functioning of machine	8	17	-	1
	31. cool down the machine after completion of job	8	17	-	1
	Taking out the sample after drying & comparing it with the standard	40	85	-	5
	1. take out the sample near the stitch, after drying,	14	29	-	2
	2. compare the sample with the standard for physical appearance	13	28	-	2
	3. take the sample to your supervisor if the sample is not matching for the standard for decision	13	28	-	1
	NOS Total	200	410	-	50
Module	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Elective 4 – TSC/N5418: Carryout shift change, production and quality analyse at compacting department	Taking charge of shift from Compacting machine operator	9	10	-	11
	1. come atleast 10 - 15 minutes earlier to the work place superior as well that of the previous shift as well	1	1	-	2
	2. bring the necessary operational tools to the department	1	1	-	1
	3. meet the previous shift operator and discuss with him/ her regarding the issues faced by them with respect to the quality or production or spare or safety or any other specific instruction etc	1	1	-	1
	4. understand the fabric being processed & process running on the machine	1	1	-	1
	5. ensure the technical details are mentioned on the job card display on the machine	1	1	-	1
	6. check for the availability of the spare trolley for unloading the fabric	1	1	-	1
	7. check the next batch to be processed is ready near the machine	1	1	-	1

8. ensure the required dyes & chemicals are already weighed & prepared	1	1	-	1
9. check the cleanliness of the machines & other work areas	1	1	-	1
10. question the previous shift operator for any deviation in the above and bring the same to the knowledge of his/ her shift superior as well as that of the previous shift	-	1	-	1
Handing Over Shift to Compacting machine operator	9	10	-	11
11. hand over the shift to the incoming operator in a proper manner	1	1	-	1
12. ensure in providing the details regarding fabric quality & the process running on the machine	1	1	-	1
13. provide all relevant information regarding the stoppages or breakdown in the machine, any damage to the fabric or machine	1	1	-	1
14. ensure the empty trolley is near the machine for unloading the fabric	1	1	-	1
15. ensure the next lot to be processed is ready near the machine already stitched & arranged properly	1	1	-	1
16. weigh the required dyes & chemicals for the next lot get clearance from the incoming counterpart before leaving the work spot	1	1	-	1
17. report to his/ her shift superiors as well as that of the incoming shift operator in case his/ her counterpart doesn't report for the incoming shift	1	1	-	1
18. ensure the shift has to be properly handed over to the incoming shift operator	1	1	-	1
19. report to his/ her shift superior about the quality / production / safety issues/ any other issue faced in his/ her shift and should leave the department only after getting concurrence for the same from his/ her superiors	1	1	-	1
20. collect the wastes from waste collection bags, weigh them and transport to storage area	-	1	-	1
21. ensure the machine and its work place is clean	-	-	-	1
Carry out preparatory activities for operations of the machine	52	110	-	8
1. understand the task mentioned in the Work Order	6	13	-	1

2. ensure that the machine is clean	6	13	-	1
3. feed the fabric from the trolley in the center of the machine	6	12	-	1
4. ensure fabric is crease-less and evenly fed into the machine	6	12	-	1
5. join & stitch any loose end for continuous operation of machine	6	12	-	1
6. open steam valve & drain the condensate from the line	6	12	-	1
7. drain any water present in the air line	6	12	-	1
8. check the width of fabric & adjust the machine width accordingly	5	12	-	1
9. keep empty roll or trolley at the exit end ready	5	12	-	-
Operate the machine for specified task as per work order	50	110	-	8
10. operate the compacting machine	3	7	-	1
11. read & understand the process being followed to do the task	3	7	-	-
12. keep even tension on fabric through out the process	3	7	-	-
13. set the required width of machine	3	7	-	1
14. set the required temp of Compacting cylinder	3	7	-	-
15. open steam in the conditioning chamber	3	7	-	1
16. ensure that all safety devices are operational	3	7	-	-
17. start the machine & take out fabric either on roll or trolley	3	7	-	-
18. check the fabric width & adjust machine width accordingly	3	6	-	1
19. ensure the Teflon shoe insertion is according to the fabric while fabric enters the shrinking felt	3	6	-	1
20. adjust the machine speed according to required finish	3	6	-	-
21. check fabric feel & GSM and adjust overfeed accordingly	3	6	-	1
22. Adjust felt compression to achieve desired feel/ finish of fabric	3	6	-	-
23. ensure that all safety devices are operational	3	6	-	1
24. keep next trolley or roll ready both at entry & exit end	3	6	-	-
25. record shift production in the production register	3	6	-	1
26. record all machine stoppages in the book	2	6	-	-
Clean the machine & carryout preventive maintenance	40	85	-	7
27. keep the machine clean at all times	5	11	-	1

	28. follow the preventive maintenance schedule	5	11	-	1
	29. check that all controls are functioning properly	5	11	-	1
	30. ensure enough supply of utilities such as water, air & steam in the machine	5	11	-	1
	31. ensure there is no leakage in steam, water & air line	5	11	-	1
	32. oil the machine parts as specified in the operation manual	5	10	-	1
	33. stop the machine in case of any abnormal sound & report	5	10	-	1
	34. cool down the machine after completion of job	5	10	-	-
	Taking out the sample after Compacting & comparing it with the standard	40	85	-	5
	1. take out the sample after compacting near the stitch	8	17	-	1
	2. compare the sample with the standard for physical appearance	8	17	-	1
	3. cut a sample & check the fabric gsm	8	17	-	1
	4. take the sample to your supervisor if the sample is not matching to the standard for decision	8	17	-	1
	5. Adjust machine speed, temp, overfeed or machine width to get the required GSM or fabric feel	8	17	-	1
	NOS Total	200	410	-	50
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.