QUALIFICATION FILE

Sewing 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: 2.5

Submitted By:

Apparel, Made-ups & Home Furnishing Sector Skill Council

3rd floor, Flat No. A-312 To A-323, Somdatt Chamber-I,

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Section 1: Basic Details

<table>
<tr><td>1.</td><td>Qualification Name</td><td colspan="2">Sewing Machine Operator</td></tr>
<tr><td>2.</td><td>Sector/s</td><td colspan="2">Apparel</td></tr>
<tr><td>3.</td><td>Type of Qualification: ☐ New ☒ Revised ☐ Has Electives/Options
☐OEM</td><td>NQR Code & version of existing/previous qualification: 2022/APR/AMHSSC/06551, Version 3.0</td><td>Qualification Name of existing/previous version: Sewing Machine Operator</td></tr>
<tr><td>4.</td><td>a. OEM Name
b. Qualification Name
(Wherever applicable)</td><td colspan="2">NA</td></tr>
<tr><td>5.</td><td>National Qualification Register (NQR) Code &Version
(Will be issued after NSQC approval)</td><td>QG-2.5-AP-01866-2024-V1.1-AMHSSC , Version 4.0</td><td>6. NCrF/NSQF Level: 2.5</td></tr>
<tr><td>7.</td><td>Award (Certificate/Diploma/Advance Diploma/ Any Other (Wherever applicable specify multiple entry/exits also & provide details in annexure)</td><td colspan="2">Certificate</td></tr>
<tr><td>8.</td><td>Brief Description of the Qualification</td><td colspan="2">A Sewing Machine Operator also called a Stitcher or Machinist is an important job-role associated with Apparel sector, Made-Ups and Home Furnishing Industry. The primary responsibility of a machinist is to stitch/ sew fabric panels, fur fabric panels, or synthetic materials to produce apparels or made up with desired quality.</td></tr>
<tr><td>9.</td><td>Eligibility Criteria for Entry for Student/Trainee/Learner/Employee</td><td colspan="2">a. Entry Qualification & Relevant Experience:
b.
<table>
<tr><th>S. No.</th><th>Academic/Skill Qualification (with Specialization - if applicable)</th><th>Required Experience (with Specialization - if applicable)</th></tr>
<tr><td>1</td><td>Grade 9</td><td>No Experience required</td></tr>
<tr><td>2</td><td>Grade 8 pass and pursuing continuous schooling in regular school</td><td>No Experience required</td></tr>
<tr><td>3</td><td>8th grade pass</td><td>1 year relevant experience</td></tr>
<tr><td>4</td><td>5th grade pass</td><td>4 year relevant experience</td></tr>
<tr><td>5</td><td>Ability to read and write</td><td>5 year relevant experience</td></tr>
<tr><td>6</td><td>Previous relevant Qualification of NSQF Level 2</td><td>6 months relevant experience</td></tr>
<tr><td>7</td><td>Previous relevant Qualification of NSQF Level 1</td><td>1.5 years relevant experience</td></tr>
</table></td></tr>
</table>

<table>
<tr><td></td><td></td><td colspan="2">c. Age: 18 years</td></tr>
<tr><td>10.</td><td>Credits Assigned to this Qualification, Subject to Assessment (as per National Credit Framework (NCrF))</td><td>10</td><td>11. Common Cost Norm Category (I/II/III) (wherever applicable): Category I</td></tr>
<tr><td>12.</td><td>Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)</td><td colspan="2">NA</td></tr>
<tr><td>13.</td><td>Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</td><td colspan="2">☒Offline ☐Online ☐Blended
<table>
<tr><th>Training Delivery Modes</th><th>Theory (Hours)</th><th>Practical (Hours)</th><th>OJT Mandatory (Hours)</th><th>OJT Recommended (Hours)</th><th>Total (Hours)</th></tr>
<tr><td>Classroom (offline)</td><td>90</td><td>210</td><td>0</td><td>0</td><td>300</td></tr>
<tr><td>Online</td><td></td><td></td><td></td><td></td><td></td></tr>
</table>
(Refer Blended Learning Annexure for details)</td></tr>
<tr><td>14.</td><td>Aligned to NCO/ISCO Code/s (if no code is available mention the same)</td><td colspan="2">NCO-2015/8153.0101</td></tr>
<tr><td>15.</td><td>Progression path after attaining the qualification (Please show Professional and Academic progression)</td><td colspan="2">Sewing Machine Operator-Knits(Horizontal)
Specialized Sewing Machine Operator(Vertical)</td></tr>
<tr><td>16.</td><td>Other Indian languages in which the Qualification & Model Curriculum are being submitted</td><td colspan="2">Hindi</td></tr>
<tr><td>17.</td><td>Is similar Qualification(s) available on NQR-if yes, justification for this qualification</td><td colspan="2">☐ Yes ☒ No URLs of similar Qualifications:</td></tr>
<tr><td>18.</td><td>Is the Job Role Amenable to Persons with Disability</td><td colspan="2">☒ Yes ☐ No
If “Yes”, specify applicable type of Disability: Hearing Impairment (Hard of Hearing), The Qualification has adopted by SCPWD</td></tr>
<tr><td>19.</td><td>How Participation of Women will be Encouraged</td><td colspan="2">Skilled women workforce will find jobs with organised apparel exporters, manufacturers.</td></tr>
<tr><td>20.</td><td>Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)</td><td colspan="2">☒ Yes ☐ No
AMH/N0104:Comply with industry, regulatory, organizational requirements and Greening of Job Roles</td></tr>
<tr><td>21.</td><td>Is Qualification Suitable to be Offered in Schools/Colleges</td><td colspan="2">Schools ☒ Yes ☐ No Colleges ☒ Yes ☐ No</td></tr>
<tr><td>22.</td><td>Name and Contact Details of Submitting / Awarding Body SPOC
(In case of CS or MS, provide details of both Lead AB & Supporting ABs)</td><td colspan="2">Name: Amit Singh, Priya Mathur
Email: jdqs@sscamh.com, jdqs1@sscamh.com Contact No.: 09599929121, 8810692673
Website: www.sscamh.com</td></tr>
<tr><td>23.</td><td>Final Approval Date by NSQC: 01/11/2023</td><td>24. Validity Duration: 36 Months</td><td>25. Next Review Date: 31/03/2027</td></tr>
</table>

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. 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	Introduction (Bridge Module)	Bridge Module	Bridge/ Core	2.5	4	3	0	0	0	3	0	0	0	0	0	0
2	Carry out stitching activities using machine or by hand	AMH/N0301 V4.0	Core	2.5		12	105	0	0	117	30	100	0	15	145	32%
3	Contribute to achieve product quality in stitching operations	AMH/N0302 V4.0	Core	2.5	2	18	42	0	0	60	20	75	0	10	105	23%
4	Maintain work area and tools	AMH/N0102 V16.0	Non-Core	2.5	1	15	15	0	0	30	14	49	0	7	70	16%
5	Maintain health, safety and secure work place with Gender and PwD Sensitization	AMH/N0103 V21.0	Non-Core	2.5	1	15	15	0	0	30	22	12	0	6	40	9%
6	Comply with industry, regulatory, organizational requirements and Greening of Job Roles	AMH/N0104 V22.0	Non-Core	2.5	1	15	15	0	0	30	20	10	0	10	40	9%
7	Employability Skills	DGT/VSQ/N0101 V1.0	Non-Core	2	1	12	18	0	0	30	20	30	0	0	50	11%
Duration (in Hours) / Total Marks					10	90	210	0	0	300	126	276	0	48	450	100%

Assessment - Minimum Qualifying Percentage

*Please specify **any one** of the following:*

Minimum Pass Percentage – Aggregate at qualification level: 50 % *(Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)*

Minimum Pass Percentage – NOS/Module-wise: NA % *(Every Trainee should score specified minimum passing percentage in each mandatory and selected elective NOS/Module to successfully clear the assessment.)*

Section 3: Training Related

1.	**Trainer's Qualification and experience in the relevant sector (in years)** *(as per NCVET guidelines)*	High School with 6 Year relevant industry experience in Sewing OR Senior Secondary with 5 Year of relevant industry experience in Sewing OR Diploma with 4 Year of relevant industry experience in Sewing OR Graduation with 3 Year of relevant industry experience in Sewing OR Post graduate diploma with 2 Year of relevant industry experience in Sewing OR Post Graduate with 1 Year of relevant industry experience in Sewing
2.	**Master Trainer's Qualification and experience in the relevant sector (in years)** *(as per NCVET guidelines)*	Diploma with 4 Year of relevant industry experience in Sewing OR Graduation with 3 Year of relevant industry experience in Sewing OR Post graduate diploma with 2 Year of relevant industry experience in Sewing OR Post Graduate with 1 Year of relevant industry experience in Sewing
3.	**Tools and Equipment Required for Training**	☒Yes ☐No (*If "Yes", details to be provided in Annexure) Refer Annexure*
4.	**In Case of Revised Qualification, Details of Any Upskilling Required for Trainer**	NA

Section 4: Assessment Related

1.	**Assessor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	ITI with 4 Year of relevant industry experience in Sewing OR Diploma with 4 Year of relevant industry experience in Sewing OR Graduation with 3 Year of relevant industry experience in Sewing OR Post graduate diploma with 2 Year of relevant industry experience in Sewing OR Post Graduate with 1 Year of relevant industry experience in Sewing
2.	**Proctor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	ITI with 4 Year of relevant industry experience in Sewing OR Diploma with 4 Year of relevant industry experience in Sewing OR Graduation with 3 Year of relevant industry experience in Sewing OR Post graduate diploma with 2 Year of relevant industry experience in Sewing OR Post Graduate with 1 Year of relevant industry experience in Sewing
3.	**Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	ITI with 4 Year of relevant industry experience in Sewing OR Diploma with 4 Year of relevant industry experience in Sewing OR Graduation with 3 Year of relevant industry experience in Sewing OR Post graduate diploma with 2 Year of relevant industry experience in Sewing OR Post Graduate with 1 Year of relevant industry experience in Sewing
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
2.	**Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):** Yes
3.	**Government /Industry initiatives/ requirement (Yes/No):** Yes
4.	**Number of Industry validation provided:** 30
5.	**Estimated nos. of persons to be trained and employed:** 315000
6.	**Evidence of Concurrence/Consultation with Line Ministry/State Departments:** *Ministry Of Textiles is Line Ministry of AMHSSC.* If "No", why: NA

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	**Annexure:** NCrF/NSQF level justification based on NCrF level/NSQF descriptors *(Mandatory)*	Annexure 1-Evidence of level
2.	**Annexure:** List of tools and equipment relevant for qualification *(Mandatory, except in case of online course)*	Annexure 2-Tools and Equipment
3.	**Annexure:** Detailed Assessment Criteria *(Mandatory)*	Annexure 6-Assessment Criteria
4.	**Annexure:** Assessment Strategy *(Mandatory)*	Annexure 7-Assessment Strategy
5.	**Annexure:** Blended Learning *(Mandatory, in case selected Mode of delivery is "Blended Learning")*	*Offline Learning Mode*
6.	**Annexure:** Multiple Entry-Exit Details *(Mandatory, in case qualification has multiple Entry-Exit)*	*NA*
7.	**Annexure:** Acronym and Glossary *(Optional)*	Annexure 8-Acronym & Glossary
8.	**Supporting Document:** Model Curriculum *(Mandatory – Public view)*	Model Curriculum- Sewing Machine Operator
9.	**Supporting Document:** Career Progression *(Mandatory - Public view)*	Career Progression
10.	**Supporting Document:** Occupational Map *(Mandatory)*	Occupational Map
11.	**Supporting Document:** Assessment SOP *(Mandatory)*	Assessment SOP
12.	**Any other document you wish to submit:**	*NA*

Annexure: 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	• The sewing machine operator is involved in setting up the machine for sewing purpose, carry out quality stitching operations using the machine and take care of certain preventive maintenance methods to maintain the sewing machine. • The sewing machine operators stitch various components of the garment as well as the final assembly stitching and are involved in all the sewing functions, Their work is routine based with a given production target. • The sewing machine operator focuses on the process of following specifications provided in the techpack and conforms to the quality standards while performing the stitching operation, • The sewing machine operator carries out stitching process following a set of instructions provided by the supervisor and the guidelines for the product which is running in the production line. • The sewing machine operator must be able to identify/ the defects related to the stitching and anticipate machine related problems and provide possible range of solutions in while stitching the garment.	• **Basic working/ operational knowledge in the area of work with understanding of basic materials, tools, applications in a limited context.** • Operate and control industrial sewing machines to join, decorate, or finish fabric or textile products. • Adjust machine settings, such as stitch length, tension, and speed, to achieve the desired results for the specific sewing task. • Follow Product specification and tolerances • Complete Production Target.	2.5
Professional and Technical Skills/ Expertise/ Professional Knowledge	• The sewing machine operator should be aware of garment production process, stitches, SPI, seams, sewing machines, its parts and its functions. • He should also be aware of the technical terms associated with the garment. • The sewing machine operator should know	**The individual shall have basic factual knowledge for various activities to be performed during operation and procedure** • Awareness of garment production process, stitches, SPI, seams, sewing machines, its parts and its functions. • Awareness of of the technical terms associated	2.5

	the maintenance requirements of measurement/control/ protection and detection systems and equipment. • He should have the knowledge of fabrics, threads needles and other trims used. • The sewing machine operator on the job needs to know the types of fire extinguishers and their suitable uses, characteristics and handling tools • The sewing machine operator shall have knowledge various activities to be performed during operation and procedure such as following the specification instructions for the product quality, machine operations. • He should have knowledge of various defects that can occur in the stitching and able to rectify them.	with the garment. • Knowledge of fabrics, threads needles and other trims used. • Knowledge of the types of fire extinguishers and their suitable uses, characteristics and Handling tools	
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	• Sewing Machine Operator reports to supervisors and other authorized personnel for assistance. • Sewing Machine Operator asks for clarification and advice from line managers, communicate orally with colleagues. • He writes the required specifications where applicable, read instructions, guidelines, procedures and rules of the company, techpack passed to him by his seniors. • He provides relevant information regarding garment construction and machine to others, analyzes needs, requirements and dependencies in order to meet work requirements. • He can read, write and communicate in local language • He operates digital devices and use its features and applications securely and	**Team worker, with broad employability skills who displays of motivation and positive attitude for work.** • Reports to supervisors and other authorized personnel for assistance. • Communication with Line Managers and colleagues. • Read and write information wrt product and technical guidelines • Understand relevant information regarding garment construction and machine to others, analyzes needs, requirements and dependencies in order to meet work requirements. • Operates digital devices and use its features and applications securely and safely for digital payments, Use internet and social media platforms securely and safely. • Emphasizes physical fitness, personal hygiene and good habits.	2.5

	safely for digital payments, Use internet and social media platforms securely and safely. • He values physical fitness, personal hygiene and good habits.		
Broad Learning Outcomes/Core Skill	• A sewing machine operator has ability to perform their job effectively and contribute to the overall efficiency and quality of garment production. • He is involved in take care of certain preventive maintenance methods to all the sewing functions. • He raises alarm, identifies, reports malfunctions in machinery and equipment and corrects them if possible. • He also identifies and reports service malfunctions and chemical leaks. • He keeps work area free from potential hazards.	• **The candidate carries out a job in familiar, predictable, routine, situation of clear choice, can focus on range of application of standard procedures or operations in production/ services. Must be able to identify/ anticipate the problems and possible range of solutions** • Preventive maintenance methods to all the sewing functions. • Implementation of Quality standards. • Identifies, Reports Malfunction of machinery, and corrects them if possible. • He keeps work area free from potential hazards.	2.5
Responsibility	• A sewing machine operator is responsible for his own work and takes responsibility for delivery and quality of own work and tangible output for the work assigned to him as per the given product and quality standards. • A Sewing Machine Operator is responsible for operating the sewing machine to sew different kinds of stitches on fabric/garments in the apparel industry.	• Takes responsibility for delivery and quality of own work and tangible output. The individual is majorly responsible for his own job and self-learning process within defined limit and under close supervision which justifies the pegging of the QP at level 2.5	2.5

Annexure: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size: 30

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size 30
1	Industrial Single Needle Lock Stitch Sewing Machine set With Needle Guard		15
2	5 thread Over Lock Machine set		1
3	Pressing Table		1
4	Iron/Press		1
5	Design Patterns template (Quantity and variety may vary)	qnt may vary	1
6	Scissors(paper cutting)		1
7	Tracing Wheel		1
8	Tailor'S Chalk		1
9	Pins & Safety Pins	qnt may vary	1
10	Dress Maker'S Pin	qnt may vary	1
11	Pin Cushion (One set)		1
12	Scale, variety(eg:L scale, straight scale, french curve, hip curve, can be used depending on type of garments etc)	(eg:L scale, straight scale, french curve, hip curve, can be used depending on type of garments etc)	1
13	Bobbin (Good Quality and industrial sewing machine bobbin, Qty may vary as per requirement)	qnt may vary	25
14	Bobbin Case (Good Quality and industrial sewing machine bobbin, Qty may vary as per requirement)	qnt may vary	25
15	Mannequin(Male or female , Size M)		1
16	Hanger		1

17	Cleaning Cloth		16
18	Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement)	(Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement)	25
19	Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage)	(Various gauges for hemming, the quantity may vary depending on type of fabric, usage, breakage)	1
20	Machine Needle, (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary)	Machine Needle, (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary)	10
21	Garment (various styles, qty may vary as per requirement)		1
22	Made ups Sample (various styles, qty may vary as per requirement)		1
23	Home Furnishing Sample (various styles, qty may vary as per requirement)		1
24	Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, qnt may vary)	surplus fabric, good quality muslin mandatory , other optional, qnt may vary)	250
25	Required Trims/accessory	qnt may vary	20
26	Machine Folders with Attachments	various types and qnt	5
27	Students Stools For Sewing		16
28	Teacher Table		1
29	Teacher'S Chair		1
30	Dustbin		1
31	Small Baskets For Stroring & Keeping Trims		16
32	First Aid Box		1
33	Machine Oil		1
34	Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ,measuring tape etc)	Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ,measuring tape)	30

35	Small screws with screw drivers	qnt may vary	5
36	Fire Extinguisher		1
37	Stationary Set	notebook, pen, pencil, eraser, sharpener, scale small	30
38	Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc)		1
39	Seam Samples / Different Fabrics swatch file		1
40	Participant Manual		30
41	Student's Chair With Table Arm	for classroom	30
42	White/Black Board Marker/Chalk &Duster		1
43	Dexterity Test Kit		1
44	White/Black Board		1
45	Fusing, (woven/nonwoven, qty and variety may vary)	Fusing, (woven/nonwoven, qty and variety may vary)	5
46	Cutting Table		1
47	Fabric Cutting Scissors		30

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed)
2. All software should either be latest version or one/two version below)As required
3. UPS As required
4. Scanner cum Printer As required
5. Computer Tables As required
6. Computer Chairs As required
7. LCD Projector As required
8. White Board 1200mm x 900mm As required

Annexure: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S.No	Organization	Name of Representative	Designation	State	Email Id	Contact number
1	Raymond	Chinappa Reddy	Senior Manager- Product Development	Maharashtra	chinappareddy@raymond.in	9833024241
2	Shahi Exports	Anjani Kumar Mishra	Manager Trainings and Development	Haryana	anjani.mishra@shahi.co.in	7739404959
3	LUX Industries	Buvana M	HR Manager	Tamilnadu	info@luxinnerwear.com	+913340402121
4	RBR Garment private limited	P Kartikeyan	Manager HR and Admin	Tamilnadu	reach@rbrindia.com	9626244447
5	Fashionknits	Nushrath R.	HR Manager	Tamilnadu	nusrathr@fashionknits.net	0421-4337473
6	AR Enterprises	Rajiv Kumar	Director	Punjab	NA	9872985505
7	Ammaiyappar Tex	A Bala.	HR-Admin	Tamilnadu	vhktex@yahoo.co.in	08056262651
8	Vardhman Nishimbo	Richika Rana	HR Manager	Punjab	dlsharma@vardhman.com	081466 25707
9	Aathava Garments pvt ltd.	Ganesh Kumar J	Manager	Tamilnadu	info@aathavagarments.com	0422-2565716
10	CMV Global Clothings	A Vallargu	Sr. HR Manager	Tamilnadu	info@cmvglobalclothings.com	08098201090
11	Cotton Blossom	Sashi Kumar K	HR Manager	Tamilnadu	info@cotonblossom.org	0421 4349 100
12	Trident	Nasreen Ahmed	Head Product Development	Punjab	nasreenshmed@tridentindia.com	9878999237
13	SHRI HARI PROCESS	Shanmugam Ramasamy	Admin Manager	Tamilnadu	infra@cibiintl.com	04294225426
14	SRI ARUL TEX	SELLAPPA GOUNDER	Director	Tamilnadu	srinu_ca2002@yahoo.co.in	098425 99455
15	DHANA TEXTILES	MUTHUSAMY DHANABALAN	Director	Tamilnadu	madhavan707@gmail.com	8048372427
16	JEGA GARMENTS	Murugan Cibi	Admin	Tamilnadu	murugan.cibi@gmail.com	9688277455
17	Rubrics Exports	Ganpathi R	HR Manager	Tamilnadu	rubricexports@hotmail.com	8048372003

18	Bayport	Amit Sharma	Category Head	Ahmedabad	amitsharma@bayport.com	9582038033
19	BEST Corporation	S Seshathri	President	Tamilnadu	best@bestcorp.in	421398 0000
20	Little BABA Oswal	Keshav Singh	Manager	Punjab	NA	08872994443
21	RUSTA	Amitoj Bal	Sourcing Manager	Delhi	Amitoj.bal@rusta.com	9873000263
22	Orient Fashion	Gagan	HR Manager	Delhi	gagan@ocfit.in	9991840624
23	Sahu Exports	D Kumar	Manager	Delhi	dkumar@sahuexports.com	8048372919
24	Toram Creations	Karthik R	Key Accounts Manager	Tamilnadu	we@toram.in	98946 64599
25	SK COTTON	Vaibhav Vaishnav	Managing Director	Maharashtra	skumarcot@gmail.com	8788053726
26	SNQS International Pvt Ltd.	N Balamurgan	General Manager	Tamilnadu	logu@snqsintl.com	0421-4390000
27	CTA Apparels	Sridhar	HR Manager	Delhi	sridhar@ctaapparels.com	0120 478 5330
28	KGI CLOTHING	Mr Murugan	HR Manager	Andhra pradesh	info@kgiclothing.in	09176660000
29	MSR Garments	K Suresh	HR Manager	Andhra Pradesh	suresh@msrgarments.com	089390 44650
30	Network Clothing	Suresh H	HR Head	Tamilnadu	network@md2.vsnl.net.in	0421 226 2022

Annexure: Training & Employment Details

Training and Employment Projections:

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities
2023	100000	65000	90000	40000	NA	NA
2024	105000	70000	85000	45000	NA	NA
2025	110000	75000	80000	50000	NA	NA

Data to be provided year-wise for next 3 years

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
Version 2.0	2022	95300	94500	94000	43000	85500	85300	85200	38500	NA	NA	NA	NA
Version 1.0	2021	90800	89500	89000	40000	81000	80200	80000	73000	NA	NA	NA	NA
Version 1.0	2020	86300	85500	85000	38300	77400	77000	76500	70000	NA	NA	NA	NA

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. DDUGKY
3. NULM

Content availability for previous versions of qualifications:

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

Languages in which Content are available:

Hindi

Annexure: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/Module are as follows:

AMH/N0301: Carry out stitching activities using machine					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1.	Make sure the work area is free from hazards	0.5	1	-	0.5
PC2	Follow the instructions on the work ticket/ job card in line with the responsibilities of respective operation	0.5	0.5	-	-
PC3.	Ask questions to obtain more information on tasks when the instructions are unclear	-	0.5	-	-
PC4.	Agree and review your work targets given by your supervisor and check for special instructions, if any required	-	0.5	-	-
PC5	Use the correct Patterns and work-aids	0.5	2	-	0.5
PC6	Check that machine is safe and set up in readiness for use	0.5	2	-	0.5
PC7	Select the correct component parts and correct fabric grain line for the style being worked on	1	2	-	0.5
PC8	Check that the materials to be used as per desired quality and defect free	1	2	-	0.5
PC9	Ensure the materials used meet the specification matching: -1 within a product.2. between a pair of products where applicable	0.5	2	-	0.5
PC10	Carry out test sewing to ensure defect free stitching.	-	3	-	0.5
PC11	Check needles, and threads regularly	0.5	2	-	0.5
PC12	Check if fabric / component is correctly marked and pieces cut as required for operation	1	2	-	-
PC13	Fabric pieces and linings are pinned or sewn together as required.	1	2	-	0.5

PC14	Report and repair faults in the stitched component	1	0.5	-	-
PC15	Comply with the company quality standards	0.5	2	-	0.5
PC16	Report any damaged in cut panel or fabric to supervisor or quality Checker.	0.5	0.5	-	0.5
PC17	Follow company reporting procedures about defective material and machines which affect work and report risks/ problems likely to affect services to the relevant person promptly and accurately	0.5	1	-	-
PC18	Sort and do work to assist the next stage of production and minimize the risk of damage	0.5	3	-	0.5
PC19	Leave work area safe and secure when work is complete and clean the machine and cover it with machine cover before you leave	-	5	-	0.5
PC20	Complete forms, records and other documentation as instructed by supervisor or Quality Checker	1	2	-	0.5
PC21	Examine the specific operation and stitch the component as directed or required as per approved sample	1	3	-	0.5
PC22	Carry out the sewing process within the estimated length of time.	0.5	1	-	
PC23	Set up machine (Apparel Sewing machine) according to manufacturer's instructions and production requirements	2	2	-	0.5
PC24	Thread tension as per the thickness of stitching thread and sewing fabric cut panel	0.5	2	-	0.5
PC25	Cut the thread appropriately after completion of sewing operation	0.5	0.5	-	-
PC26	Thread the needle in the machine and adjust the needle as per the requirements and whenever change in the fabric type.	0.5	2	-	0.5
PC27	Perform a test sewing run to ensure appropriate stitching	0.5	2	-	-
PC28	Report defective machines, tools and/or equipment to the responsible person and/or equipment to the responsible person	0.5	1	-	0.5
PC29	Operate machines safely and in accordance with guidelines and use appropriate needle guard.	-	6	-	-
PC30	Optimize the correct positioning and layout of materials to ensure a smooth and rapid throughput as directed	0.5	3	-	-
PC31	Check the equipment prior to making the stitching, including: a) Correct tools b) Correct attachments c) Changing needles d) Changing threads e) Changing awls f) Correct timing	2	5	-	0.5
PC32	Stitch the correct materials in the right sequence as required by the production specification	1	0	-	0.5
PC33	Ensure stitched product conforms to shape and size requirement	1	3	-	0.5
PC34	Ensure stitched products meets specification in terms of labels and trims	1	3	-	0.5
PC35	Inspect stitched products against specifications or sample provided.	1	3	-	0.5
PC36	Identify mark and place rejects in the designated locations	1	3	-	0.5

PC37	Carry out alterations to meet customer requirements	1	8	-	0.5
PC38	Pass the stitched item to the next stage in the manufacturing process after Self checking	0.5	0.5	-	-
PC39	Rectify or repair where stitched items do not meet production specification	0.5	0.5	-	-
PC40	Minimize and dispose the waste materials in the approved manner	0.5	0.5	-	0.5
PC41	Seek feedback from team mates or supervisors and quality checkers on work related performance	0.5	0.5	-	-
PC42	Check with in charge /others when any doubts of new product details or construction	1	0.5	-	0.5
PC43	Clean and make safe machines after use and cover the machine with machine cover	0.5	0.5	-	0.5
PC44	Carry out basic Autonomous maintenance (cleaning, Oil Checking, Right Threading, Tightening any loose parts of own machines	0.5	2	-	-
PC45	Report risks/ problems likely to act quality of product or specification of product.	0.5	-	-	0.5
PC46	Carry out Sewing at a rate which maintains workflow and meets production targets	-	2	-	-
	NOS TOTAL	**30**	**100**	**-**	**15**

AMH/N0302: Contribute to achieve product quality in stitching operations

PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1	Identify and use materials required based on the job card/ work ticket	1	5	-	1
PC2	Take the necessary action when materials do not conform to company quality standards	1	5	-	0.5
PC3	Report and replace identified faulty materials and component parts which do not meet specification or quality standards	2	5	-	0.5
PC4	Identify defects and rework on them	2	8	-	1
PC5	Carry out work safely and at a rate which maintains work flow	1	5	-	0.5
PC6	Report to the responsible person when the work flow of other production areas disrupts work	1	1	-	0.5
PC7	Test , sort, track feed and examine work in progress	1	5	-	0.5
PC8	Carry out quality checks at specified intervals according to instructions	2	5	-	0.5
PC9	Apply the allowed tolerances during sewing	1	2	-	0.5

PC10	Identify faults and take appropriate action for rectification	2	10	-	1
PC11	Make adjustments promptly to return product to specification	1	4	-	0.5
PC12	Fault-find materials and components for creased, stained, damage and incorrectly made-up component parts	1	6	-	1
PC13	Report faults in other processes to the appropriate person	1	1	-	0.5
PC14	Maintain the required productivity and quality levels	1	10	-	0.5
PC15	Maintain documentation as directed by supervisor	2	3	-	1
	NOS Total	**20**	**75**	**-**	**10**
AMH/N0102: Maintain work area, tools and machines					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1	Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and hazard free working area	2	5	-	1
PC2	Use correct lifting and handling procedures	2	5	-	1
PC3	Use materials efficiently to minimize wastage and dispose off waste safely at the designated location.	2	3	-	1
PC4	Carry out running maintenance and/or cleaning within one's responsibility and agreed schedules	2	10	-	1
PC5	Report any unsafe or damaged equipment and other dangerous occurrences to the authorized personnel	2	3	-	0.5
PC6	Ensure that the correct machine guards are in place	2	3	-	1
PC7	Work in a comfortable position and maintain correct posture	1	10	-	0.5
PC8	Use cleaning equipment and methods appropriate for the work to be carried out	1	10	-	1
	NOS Total	**14**	**49**	**-**	**7**
AMH/N0103: Maintain health, safety and secure work place with Gender and PwD Sensitization					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1	Comply with health, safety gender and PwD (People with disability) related instructions applicable to the workplace.	4	2	-	1
PC2	Actively participate in mock drills/evacuation procedures and group discussions related to a safe and secure work place.	4	2	-	1

PC3	Training sensitization programs for gender and PwD awareness organized at the workplace.	4	2	-	1
PC4	Use and maintain materials and equipment as per protocol.	3	2	-	1
PC5	Capable to perform first-aid, firefighting or any other emergency response procedures and follow organization procedures for shutdown and evacuation when required	4	2	-	1
PC6	Monitor the work place and processes for potential risks/ threats to supervisors or other authorized personnel and ensure gender equality and PwD (People with disability) security.	3	2	-	1
	NOS Total	**22**	**12**		**6**
AMH/N0104: Comply with industry, regulatory, organizational requirements and Greening of Job Roles					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1	Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations.	2	1	-	1
PC2	Apply and follow these policies and procedures within your work practices and inculcate sustainable consumption practices	2	1	-	1
PC3	Actively get involved in improving the performance of the organization in line with their own role and responsibilities and support adaptation to more environmentally friendly processes.	2	1	-	1
PC4	Handle materials, equipment, computer and software safely and correctly to maintain a clean and hazard free working area and support adaptation to more environmentally friendly processes	3	2	-	2
PC5	Carry out running maintenance and/or cleaning within one's responsibility and agreed schedules and Deal with work interruptions effectively.	3	1	-	1
PC6	Report unsafe equipment and other dangerous occurrences to concerned personnel	2	1	-	1
PC7	Use cleaning equipment and methods appropriate for the work to be carried out	2	1	-	1
PC8	Request for upgrading of system or software when required for effective working and maintain a backup file when working on various design software	2	1	-	1
PC9	All soft copies of design work to be maintained in files as well for future reference	2	1	-	1
	NOS Total	**20**	**10**		**10**
DGT/VSQ/N0101: Employability Skills (30 Hours)					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**

	Introduction to Employability Skills	1	1	0	0
PC1	Understand the significance of employability skills in meeting the job requirements				
	Constitutional values – Citizenship	1	1	0	0
PC2	Identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices.				
	Becoming a Professional in the 21st Century	1	3	0	0
PC3	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	0	0
PC4	Speak with others using some basic English phrases or sentences				
	Communication Skills	1	1	0	0
PC5	Follow good manners while communicating with others				
PC6	Work with others in a team				
	Diversity & Inclusion	1	1	0	0
PC7	Communicate and behave appropriately with all genders and PwD				
PC8	Report any issues related to sexual harassment				
	Financial and Legal Literacy	3	4	0	0
PC9	Use various financial products and services safely and securely				
PC10	Calculate income, expenses, savings etc.				
PC11	Approach the concerned authorities for any exploitation as per legal rights and laws				
	Essential Digital Skills	4	6	0	0
PC12	Operate digital devices and use its features and applications securely and safely				
PC13	Use internet and social media platforms securely and safely				
	Entrepreneurship	3	5	0	0
PC14	Identify and assess opportunities for potential business				
PC15	Identify sources for arranging money and associated financial and legal challenges				
	Customer Service	2	2	0	0
PC16	Identify different types of customers				
PC17	Identify customer needs and address them appropriately.				

PC18	Follow appropriate hygiene and grooming standards.				
	Getting ready for apprenticeship & Jobs	1	3	0	0
PC19	Create a basic bio data				
PC20	Search for suitable jobs and apply				
PC21	Identify and register apprenticeship opportunities as per requirement				
	NOS Total	**20**	**30**	**0**	**0**
	GRAND TOTAL	**126**	**276**	**0**	**48**

Annexure: 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 SIDH 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:
   - Check the Assessment location, date and time
   - 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.
3. Assessment Quality Assurance levels/Framework:
   - Question bank is created by the Subject Matter Experts (SME) are verified by the other SME
   - Questions are mapped to the specified assessment criteria
   - Assessor must be ToA certified & trainer must be ToT Certified
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
5. Method of verification or validation:
   - Surprise visit to the assessment location
6. Method for assessment documentation, archiving, and access
   - Hard copies of the documents are stored

On the Job:

1. Each module will be assessed separately.
2. The candidate must score 60% in each module to successfully complete the OJT.
3. Tools of Assessment that will be used for assessing whether the candidate is having desired skills and etiquette of dealing with customers, understanding needs & requirements, assessing the customer and perform Soft Skills effectively:
   • Videos of Trainees during OJT
4. Assessment of each Module will ensure that the candidate is able to:

- Effective engagement with the customers
- Understand the working of various tools and equipment

Annexure: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

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.
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf