



## QUALIFICATION FILE

### Apparel Operations Data Specialist

Short Term Training (STT)  Long Term Training (LTT)  Apprenticeship

Upskilling  Dual/Flexi Qualification  For TOT  For TOA

General  Multi-skill (MS)  Cross Sectoral (CS)  Future Skills  OEM

NCRF/NSQF Level: 4

Submitted By:

Apparel, Made-ups & Home Furnishing Sector Skill Council

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

Bhikaji Cama Place,

Africa Avenue,

New Delhi - 110066

Email id:ceo@sscamh.com

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## Section 1: Basic Details

1.	<b>Qualification Name</b>	<b>Apparel Operations Data Specialist</b>																			
2.	<b>Sector/s</b>	<b>Apparel</b>																			
3.	<b>Type of Qualification:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Revised <input type="checkbox"/> Has Electives/Options <input type="checkbox"/> OEM	<b>NQR Code &amp; version of existing/previous qualification:</b> NA	<b>Qualification Name of existing/previous version:</b> NA																		
4.	<b>a. OEM Name</b> <b>b. Qualification Name</b> <i>(Wherever applicable)</i>	NA																			
5.	<b>National Qualification Register (NQR) Code &amp;Version</b> <i>(Will be issued after NSQC approval)</i>	<b>QG-04-AP-04761-2026-V1-AMHSSC</b>	<b>6. NCRF/NSQF Level: 4</b>																		
7.	<b>Award (Certificate/Diploma/Advance Diploma/ Any Other</b> <i>(Wherever applicable specify multiple entry/exits also &amp; provide details in annexure)</i>	<b>Certificate</b>																			
8.	<b>Brief Description of the Qualification</b>	The <b>Apparel Operations Data Specialist</b> is a critical link in the apparel production value chain, responsible for planning, coordinating, and monitoring operational activities on the production floor. This role ensures the optimal allocation of resources, smooth workflow, and uninterrupted production, contributing directly to timely order fulfilment and quality assurance. The position demands strong organizational acumen, analytical capabilities, and a proactive approach to operational excellence.																			
9.	<b>Eligibility Criteria for Entry for Student/Trainee/Learner/Employee</b>	<b>a. Entry Qualification &amp; Relevant Experience:</b> <b>b.</b> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Academic/Skill Qualification (with Specialization - if applicable)</th> <th>Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12th Grade Pass or equivalent</td> <td>No Experience required</td> </tr> <tr> <td>2</td> <td>11th Grade Pass</td> <td>1.5-year relevant experience in operation management</td> </tr> <tr> <td>3</td> <td>10th Grade Pass</td> <td>3-year relevant experience in operation management</td> </tr> <tr> <td>4</td> <td>Previous relevant Qualification of NSQF Level 3.5</td> <td>1.5-year relevant experience in operation management</td> </tr> <tr> <td>5</td> <td>Previous relevant Qualification of NSQF Level 3.0</td> <td>3-year relevant experience in operation management</td> </tr> </tbody> </table> <b>c. Age: 20 years</b>		S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1	12th Grade Pass or equivalent	No Experience required	2	11th Grade Pass	1.5-year relevant experience in operation management	3	10th Grade Pass	3-year relevant experience in operation management	4	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience in operation management	5	Previous relevant Qualification of NSQF Level 3.0	3-year relevant experience in operation management
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)																			
1	12th Grade Pass or equivalent	No Experience required																			
2	11th Grade Pass	1.5-year relevant experience in operation management																			
3	10th Grade Pass	3-year relevant experience in operation management																			
4	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience in operation management																			
5	Previous relevant Qualification of NSQF Level 3.0	3-year relevant experience in operation management																			

10.	<b>Credits Assigned to this Qualification, Subject to Assessment</b> (as per National Credit Framework (NCrF))	16	<b>11. Common Cost Norm Category (I/II/III)</b> (wherever applicable): <b>Category I</b>																				
12.	<b>Any Licensing requirements for Undertaking Training on This Qualification</b> (wherever applicable)	NA																					
13.	<b>Training Duration by Modes of Training Delivery</b> (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online <input type="checkbox"/> Blended <table border="1" data-bbox="952 363 2051 539"> <thead> <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> </thead> <tbody> <tr> <td>Classroom (offline)</td> <td>180</td> <td>210</td> <td>90</td> <td>0</td> <td>480</td> </tr> <tr> <td>Online</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> (Refer Blended Learning Annexure for details)				Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	180	210	90	0	480	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																		
Classroom (offline)	180	210	90	0	480																		
Online																							
14.	<b>Aligned to NCO/ISCO Code/s</b> (if no code is available mention the same)	NCO-2015/NIL																					
15.	<b>Progression path after attaining the qualification</b> (Please show Professional and Academic progression)	<b>Production Supervisor-Sewing (Vertical)</b> <b>Sampling Tailor (Horizontal)</b>																					
16.	<b>Other Indian languages in which the Qualification &amp; Model Curriculum are being submitted</b>	Hindi																					
17.	<b>Is similar Qualification(s) available on NQR-if yes, justification for this qualification</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No URLs of similar Qualifications:																					
18.	<b>Is the Job Role Amenable to Persons with Disability</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", specify applicable type of Disability: NA																					
19.	<b>How Participation of Women will be Encouraged</b>	Skilled women workforce will find jobs with organised apparel exporters, manufacturers.																					
20.	<b>Are Greening/ Environment Sustainability Aspects Covered</b> (Specify the NOS/Module which covers it)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					
21.	<b>Is Qualification Suitable to be Offered in Schools/Colleges</b>	Schools <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Colleges <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					
22.	<b>Name and Contact Details of Submitting / Awarding Body SPOC</b> (In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Name: Amit Singh, Email: <a href="mailto:jdqs@sscammh.com">jdqs@sscammh.com</a> , Contact No.: 09599929121, Website: <a href="http://www.sscammh.com">www.sscammh.com</a>																					
23.	<b>Final Approval Date by NSQC:</b> 13-02-2026	<b>24. Validity Duration:</b> 36 Months	<b>25. Next Review Date:</b> 13-02-2029																				

## 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	NERF/ NSQF Level	Credits as per NCRF	Training Duration (Hours)				Assessment Marks				
						Th.	Pr.	OJT-Man.	Total	Th.	Pr.	Viva	Total	Weightage (%) (if applicable)
1	Coordinate Apparel Production and Workforce Operations	AMH/N21 06 V1.0	Core	4	3	30	30	30	90	30	40	10	80	18%
2	Design Efficient Line Layouts and Manage WIP Flow	AMH/N21 07 V1.0	Core	4	3	30	30	30	90	33	42	6	81	18%
3	Evaluate Production Performance and Implement Root Cause Solutions	AMH/N21 08 V1.0	Core	4	4	36	54	30	120	28	35	11	74	17%
4	Communicate and Collaborate Across Departments	AMH/N21 09 V1.0	Core	4	2	30	30	0	60	30	24	6	60	13%
5	Ensure Safety and Compliance Standards on Production Floor	AMH/N21 10 V1.0	Core	4	1	15	15	0	30	20	10	5	35	8%

6	Manage the workspace, operate tools, and handle machinery efficiently	AMH/N03 10 V1.0	Non-Core	4	1	15	15	0	30	14	49	7	70	15%
7	Employability Skills (60 Hours)	DGT/VSQ/ N0102 V 1.0	Non-Core	4	2	24	36	0	60	20	30	0	50	11%
<b>Total Marks</b>					<b>16</b>	<b>180</b>	<b>210</b>	<b>90</b>	<b>480</b>	<b>175</b>	<b>230</b>	<b>45</b>	<b>450</b>	<b>100%</b>

### Assessment - Minimum Qualifying Percentage

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

**Minimum Pass Percentage – Aggregate at qualification level: 70%** (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.	<b>Trainer’s Qualification and experience in the relevant sector (in years)</b> (as per NCVET guidelines)	High School with 6 Year relevant industry experience in Production Operations OR Senior Secondary with 5 Year of relevant industry experience in Production Operations OR Diploma with 4 Year of relevant industry experience in Production Operations OR Graduation with 3 Year of relevant industry experience in Production Operations OR Post graduate diploma with 2 Year of relevant industry experience in Production Operations OR Post Graduate with 1 Year of relevant industry experience in Production Operations
2.	<b>Master Trainer’s Qualification and experience in the relevant sector (in years)</b> (as per NCVET guidelines)	Diploma with 4 Year of relevant industry experience in Production Operations OR Graduation with 3 Year of relevant industry experience in Production Operations

		OR Post graduate diploma with 2 Year of relevant industry experience in Production Operations OR Post Graduate with 1 Year of relevant industry experience in Production Operations
3.	<b>Tools and Equipment Required for Training</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If "Yes", details to be provided in Annexure) Refer Annexure
4.	<b>In Case of Revised Qualification, Details of Any Upskilling Required for Trainer</b>	NA

### Section 4: Assessment Related

1.	<b>Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	ITI with 4 Year of relevant industry experience in Production Operations OR Diploma with 4 Year of relevant industry experience in Production Operations OR Graduation with 3 Year of relevant industry experience in Production Operations OR Post graduate diploma with 2 Year of relevant industry experience in Production Operations OR Post Graduate with 1 Year of relevant industry experience in Production Operations
2.	<b>Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	ITI with 4 Year of relevant industry experience in Production Operations OR Diploma with 4 Year of relevant industry experience in Production Operations OR Graduation with 3 Year of relevant industry experience in Production Operations OR Post graduate diploma with 2 Year of relevant industry experience in Production Operations OR Post Graduate with 1 Year of relevant industry experience in Production Operations

3.	<b>Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years)</b> <i>(as per NCVET guidelines)</i>	ITI with 4 Year of relevant industry experience in Production Operations OR Diploma with 4 Year of relevant industry experience in Production Operations OR Graduation with 3 Year of relevant industry experience in Production Operations OR Post graduate diploma with 2 Year of relevant industry experience in Production Operations OR Post Graduate with 1 Year of relevant industry experience in Production Operations
4.	<b>Assessment Mode</b> <i>(Specify the assessment mode)</i>	<b>Offline</b>
5.	<b>Tools and Equipment Required for Assessment</b>	<input checked="" type="checkbox"/> Same as for training <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(details to be provided in Annexure-if it is different for Assessment)</i>

## Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	<b>Latest Skill Gap Study (not older than 2 years) (Yes/No):</b> No
2.	<b>Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):</b> No
3.	<b>Government /Industry initiatives/ requirement (Yes/No):</b> No
4.	<b>Number of Industry validation provided:</b> 30
5.	<b>Estimated nos. of persons to be trained and employed:</b> 10000
6.	<b>Evidence of Concurrence/Consultation with Line Ministry/State Departments:</b> <i>Ministry Of Textiles is Line Ministry of AMHSSC.</i> If "No", why: NA

## Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	<b>Annexure:</b> NCRF/NSQF level justification based on NCRF level/NSQF descriptors <i>(Mandatory)</i>	NCRF/NSQF level justification based on NCRF level/NSQF descriptors
2.	<b>Annexure:</b> List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	List of tools and equipment relevant for qualification
3.	<b>Annexure:</b> Detailed Assessment Criteria <i>(Mandatory)</i>	Detailed Assessment Criteria

4.	<b>Annexure:</b> Assessment Strategy (Mandatory)	Assessment Strategy
5.	<b>Annexure:</b> Blended Learning (Mandatory, in case selected Mode of delivery is "Blended Learning")	Offline Learning Mode
6.	<b>Annexure:</b> Multiple Entry-Exit Details (Mandatory, in case qualification has multiple Entry-Exit)	NA
7.	<b>Annexure:</b> Acronym and Glossary (Optional)	Acronym and Glossary
8.	<b>Supporting Document:</b> Model Curriculum (Mandatory – Public view)	Model Curriculum
9.	<b>Supporting Document:</b> Career Progression (Mandatory - Public view)	Career Progression
10.	<b>Supporting Document:</b> Occupational Map (Mandatory)	Occupational Map
11.	<b>Supporting Document:</b> Assessment SOP (Mandatory)	Assessment SOP
12.	<b>Any other document you wish to submit:</b>	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	<ul style="list-style-type: none"> <li>An Apparel Operations Data Specialist should possess a thorough understanding of apparel production workflows, resource deployment, and operations planning.</li> <li>He/She should apply critical thinking to optimize production efficiency and ensure alignment with organizational goals.</li> <li>Familiar with quality control systems, compliance standards, and customer fulfilment strategies.</li> </ul>	<ul style="list-style-type: none"> <li><b>Basic working/ operational knowledge in the area of work with an understanding of basic materials, tools, and applications in a limited context.</b></li> <li>Demonstrates comprehensive theoretical knowledge in apparel manufacturing operations.</li> <li>Applies this knowledge effectively to coordinate end-to-end production activities and troubleshoot challenges with moderate complexity and autonomy.</li> </ul>	4
Professional and Technical Skills/ Expertise/ Professional Knowledge	<ul style="list-style-type: none"> <li>An Apparel Operations Data Specialist should be skilled in using digital tools and ERP systems to monitor and manage production progress.</li> </ul>	<ul style="list-style-type: none"> <li><b>The individual shall have basic factual knowledge for various activities to be performed during operation and procedure.</b></li> </ul>	4

	<ul style="list-style-type: none"> <li>• Capable of diagnosing operational inefficiencies and initiating corrective actions.</li> <li>• Collaborates closely with cross-functional teams to maintain production quality and output consistency.</li> <li>• Ensures compliance with health, safety, and sustainability standards on the shop floor.</li> </ul>	<ul style="list-style-type: none"> <li>• Displays professional competence in managing operational processes independently.</li> <li>• Applies advanced technical skills and systems knowledge to drive productivity and ensure adherence to production benchmarks.</li> </ul>	
<b>Employment Readiness &amp; Entrepreneurship Skills &amp; Mind-set/Professional Skill</b>	<ul style="list-style-type: none"> <li>• Effectively plans production activities to meet internal and external delivery timelines.</li> <li>• Exhibits professionalism in workplace conduct, communication, and task execution.</li> <li>• Capable of leading small teams and resolving on-ground issues proactively.</li> <li>• Applies entrepreneurial thinking to enhance process efficiency and operational agility.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Team worker, with broad employability skills who displays of motivation and positive attitude for work.</b></li> <li>• Demonstrates readiness for industry employment through leadership potential and effective interpersonal skills.</li> <li>• Manages resources and team interactions with accountability and forward-thinking, contributing to operational growth.</li> </ul>	4
<b>Broad Learning Outcomes/Core Skill</b>	<ul style="list-style-type: none"> <li>• An Apparel Operations Data Specialist should read and interpret production documentation, reports, and work orders accurately.</li> <li>• Maintains clear communication across teams regarding workflow and operational targets.</li> <li>• Tracks and records production metrics, ensuring accurate and timely reporting.</li> <li>• Participates in continuous improvement and process innovation initiatives.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>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.</b></li> <li>• Applies essential literacy, numeracy, and digital skills within production settings.</li> <li>• Engages in reflective practice and continuous learning to support</li> </ul>	4

		performance improvement and stay aligned with evolving industry practices.	
<b>Responsibility</b>	<ul style="list-style-type: none"> <li>• An Apparel Operations Data Specialist should take full responsibility for the execution of day-to-day operations within defined production targets.</li> <li>• He/She should ensure team coordination and resource optimization across lines and shifts.</li> <li>• Operates with minimal supervision, demonstrating initiative, leadership, and reliability.</li> <li>• Ensures a culture of safety, efficiency, and accountability within the operational team.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Highly skilled Quality Assurance professional responsible for achieving tangible quality outcomes, managing change in inspection practices, building team capability, and mentoring the workforce.</b></li> <li>• Functions independently and demonstrates ownership over production deliverables.</li> <li>• Accepts accountability for quality, timelines, and team outcomes.</li> <li>• Leads by example in fostering safe, compliant, and efficient production practices.</li> </ul>	4

### 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	Desktop Computers / Laptops		30
2	Internet Connection		1
3	Presentation Software		30
4	White/Black Board+ Marker/chalk+ Duster		1
5	Students Chairs with Table Arms		30
6	Teacher's Table & Chair		1
7	Industrial Single Needle Lock-Stitch sewing Machine with needle guard+ stool	Basic operations	8
8	Personal Protective Equipment (thimble etc)	Knit/edge finishing	15
9	Overlock Machine (5 Thread) +stool	Knitwear operations	1

10	Microsoft Excel / Google Sheets	Manpower planning, attendance tracking, KPI dashboards	1
11	ERP Software (Basic Simulation)	Order management, production tracking (PC2, PC8)	1
12	Whiteboard / Smart Board	Production meetings, planning communication (PC3, PC8)	1
13	Printer & Scanner	Reports, attendance sheets, production plans	1
14	Biometric Attendance System	Workforce tracking (PC5)	1
15	Notice Boards / Production Boards	Daily targets, manpower deployment (PC3, PC8)	2
16	Stopwatch / Digital Study Device	Time & motion study (Line layout PCs)	1
17	Line Balancing Simulation Software	Efficiency calculation, layout optimization	1
18	Operation Breakdown Charts / SAM Sheets	Work measurement	2
19	Skill Matrix Charts	Workforce capability mapping (PC9)	2
20	GSD (General Sewing Data) Kit (optional)	Advanced IE training	2
21	Layout Planning Boards (Magnetic)	Physical layout simulation	15
22	Techpack Sample		1
23	Fabric/Accessories/trims Swatch File		1
24	Hourly & Daily Production Report	as per requirement	1
25	Quality Control Check-List/AQL		1
26	Production & Ready Pattern	qnt and styles may vary	1
27	Record Maintenance Register		1
28	Basic Stationary Items (Pens, Pencils, Eraser, notebook)		30
29	Quality Tag		1
30	Defect List and samples		5
31	Dustbin		1
32	Machine Oil		1
33	First Aid Box		1
34	Students Notes		30
35	Fire Extinguisher		1
36	Dexterity Test Kit		1
37	Garment, made ups and Home Furnishing Samples (qnt may vary)	assortment, qnt may vary	10
38	Pattern/cutting table		1
39	Sewing Machine attachments	as per requirement	7
40	Sewing Kit (eg: bobbin and bobbin case, trimmer, measuring tape, fabric cutting, seam ripper, scissors etc)		30
41	Sewing Machine needles	as per requirement	5

42	Sewing thread (surplus needed, qnt may vary)	Sewing thread (surplus needed, qnt may vary)	20
43	Projector /LCD		1

#### Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Computer (PC) with latest configurations – and Internet connection with standard OS and standard word processor and worksheet software (Licensed)
2. All software should either be the latest version or one/two versions 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.

<u>S.No</u>	Organization	Name of Representative	Designation	State	Email Id	Contact number
1	5 Star Garments	Dinesh Dongare	Manager	Maharashtra	ddongare100@gmail.com	8806405410
2	Aon Private Ltd.	Narendra Sunwani	Manager	Madhya Pradesh	skill.aontextiles@gmail.com	7898526884
3	Stable Textile Pvt Ltd	Roushan Jha	Manager	Madhya Pradesh	skill.stabletextiles@gmail.com	8770388924
4	Sriram Fashions	SC Swaminathan	HR Manager	Tamil Nadu	tcswaminathan@sriramfashions.com	9894018689
5	Prateksha Sourcing Quality	G Selvakumar	Merchandiser	Tamil Nadu	sk@prateksha.com	9877743416
6	Sakthi Knitting Pvt Ltd.	Sivanandan T.	Manager Personal & Admin	Tamil Nadu	sfl-hr@shakthiknitting.com	9655632060
7	RKC Garments	Chibinandan R	Managing Director	Tamil Nadu	chibi@rkcgarments.com	7259363754

8	Reverse Lifestyle Pvt Ltd	Jitendra Kalbande	Manager	Maharashtra	jitendrakalbande500@gmail.com	7776030092
9	KBS Garments	B Sateesh Kumar	Manager	Tamil Nadu	kbs.garment888@gmail.com	9943457766
10	OTTO-AGN	Arun Kumar	3D Technical Product Developer	Tamil Nadu	arun.kumar@ottoint.com	9597040404
11	National Textile Corporation	Vilas Mandhalkar	Manager	Maharashtra	vilasmandhalkar@gmail.com	9595883836
12	Kanishka Colors	R Senthilkumar	Managing Director	Tamil Nadu	kanishkacolours2901@gmail.com	9566467799
13	JPPL	Anant Singh	Project In Charge	Madhya Pradesh	anant.jppl@gmail.com	7024152612
14	Herin Fashion	Ravibharatbhai Dobariya	General Manager	Gujarat	Herinfashion.naps@gmail.com	9689408334
15	Atulyaa Industries	Mahesh Lalaso Jadhav	Training and Placement Manager	Maharashtra	maheshjadhav258@gmail.com	9624663078
16	Indian Textile Company	Yogesh Nimje	Manager	Maharashtra	yogeshnimje1312@gmail.com	9168453836
17	HPPL	Gautam Jha	Manager	Maharashtra	skill.hppl@gmail.com	9752599602
18	Gainup Industries	Sasi Kumar	Sr Executive HR	Tamil Nadu	skill@gainup.in	8925900346
19	First Garment Pvt Ltd	Smt Bala A	Manager Personal & Admin	Tamil Nadu	hrsd@fmgc.in	8072163150
20	Shree Tirupati Balajee FIBC Ltd.	Nilesh Yadav	Manager	Madhya Pradesh	skillindia@tripatibalajee.com	9516616209
21	Ever bags pacagking pvt. ltd.	Mohsin Ansari	Manager	Madhya Pradesh	skill.everbags@gmail.com	9165555562
22	DCM Textiles	Narendra Rakshit	Manager	Rajasthan	narendrarakshit05@gmail.com	8605330718
23	Connect Accessories	Dr. Lavanya Jayakar	India Manager	Tamil Nadu	lavanya@connect-acc.com	8344555888
24	Color Dreams	S Senthilkumar	HR Manager	Tamil Nadu	cdhrm@ssm-india.com	9750928805

25	Barshi Textile	Jayant Gharpure	Manager	Maharashtra	jjntgharpure@gmail.com	8010981468
26	Atul Global Ltd.	Sumit Gupta	Director	Punjab	Sumit.gupta@atulglobal.com	9888858680
27	Amayapper Pvt Ltd	Smt Bala A	Manager Personal & Admin	Tamil Nadu	hrsd@fmgc.in	8072163150
28	Raymond Apparel Ltd	Chinappa Reddy	Lead - Product Development	Maharashtra	chinnapa.vemula@raymond.in	9833024241
29	Shahi Exports	Daulat Ram/Anjani	Training Lead	Haryana	anjani.mishra@shahi.co.in	7739404959
30	Purecots Ecolifestyle	Umesh Shelar	Compliance Manager	Gujarat	umesh.shelar@purecotz.com	9712442729

### 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
2026	3000	2000	1000	800	NA	NA
2027	3200	2500	1200	900	NA	NA
2028	3500	2700	1500	1000	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 1.0	2025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Version 1.0	2024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Version 1.0	2023	NA	NA	NA	NA	NA	NA	NA	NA	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:

<b>Coordinate Apparel Production and Workforce Operations</b>					
<b>PC</b>	<b>Assessment Criteria for Outcomes</b>	<b>Theory Marks</b>	<b>Practical Marks</b>	<b>Viva Marks</b>	<b>Total Marks</b>
<b>PC1</b>	Understand the stages and key activities in the apparel production process.	5	6	1	<b>12</b>
<b>PC2</b>	Apply production plans and order requirements to estimate manpower needs per department.	4	3	1	<b>8</b>
<b>PC3</b>	Apply and communicate daily manpower deployment plans to line supervisors and relevant departments	3	4	2	<b>9</b>
<b>PC4</b>	Analyze with HR, IE, and production teams to ensure timely workforce availability and task alignment	2	4	0	<b>6</b>
<b>PC5</b>	Analyze and record attendance, absenteeism, and workforce performance trends	4	3	0	<b>7</b>
<b>PC6</b>	Evaluate the impact of manpower allocation on production output and suggest adjustments to improve efficiency	3	6	1	<b>10</b>
<b>PC7</b>	Analyze and report manpower shortages, overstaffing, or skill mismatches	3	5	1	<b>9</b>
<b>PC8</b>	Apply in production meetings to align manpower resources with line performance and production goals	3	5	2	<b>10</b>
<b>PC9</b>	Evaluate in developing skill matrices and training plans to address manpower capability gaps.	3	4	2	<b>9</b>
	<b>NOS Total</b>	<b>30</b>	<b>40</b>	<b>10</b>	<b>80</b>
<b>Design Efficient Line Layouts and Manage WIP Flow</b>					
<b>PC1</b>	Analyze production orders, style specs, and machine requirements to plan the appropriate line layout	5	6	1	<b>12</b>

<b>PC2</b>	Create line layout considering operator skill level, operation sequence, and machine type	4	4	1	<b>9</b>
<b>PC3</b>	Evaluate line layout efficiency through time-and-motion study or mock runs	3	6	1	<b>10</b>
<b>PC4</b>	Apply WIP movement across workstations and record real-time status	5	5	0	<b>10</b>
<b>PC5</b>	Analyze WIP imbalances or bottlenecks and investigate root causes	4	5	1	<b>10</b>
<b>PC6</b>	Apply corrective actions (e.g., operator reassignment, buffer balancing) to restore WIP flow	4	5	1	<b>10</b>
<b>PC7</b>	Apply layout and WIP plans with production, IE, and quality teams	4	6	1	<b>11</b>
<b>PC8</b>	Evaluate line performance post-implementation and propose improvements in layout or WIP management	4	5	0	<b>9</b>
	<b>NOS Total</b>	<b>33</b>	<b>42</b>	<b>6</b>	<b>81</b>
<b>Evaluate Production Performance and Implement Root Cause Solutions</b>					
<b>PC1</b>	Understand and monitor KPIs such as efficiency, absenteeism, downtime, and defect rates	3	4	2	<b>9</b>
<b>PC2</b>	Analyze production data and identify deviations or performance issues	3	5	1	<b>9</b>
<b>PC3</b>	Create visual tools (e.g., graphs, Pareto charts, dashboards) to present production performance	4	6	1	<b>11</b>
<b>PC4</b>	Apply root cause analysis techniques (e.g., 5 Whys, Fishbone diagrams) to investigate production issues	6	5	2	<b>13</b>
<b>PC5</b>	Evaluate and implement corrective and preventive actions (CAPA, PDCA, DMAIC) based on analytical findings	5	5	2	<b>12</b>
<b>PC6</b>	Collaborate with departments (QA, IE, Production) for problem resolution and issue escalation	5	5	2	<b>12</b>
<b>PC7</b>	Evaluate effectiveness of solutions using follow-up metrics and performance improvement reports	2	5	1	<b>8</b>
	<b>NOS Total</b>	<b>28</b>	<b>35</b>	<b>11</b>	<b>74</b>
<b>Communicate and Collaborate Across Departments</b>					
<b>PC1</b>	Apply professional communication protocols while coordinating with QA, IE, Maintenance, and Stores	5	3	0	<b>8</b>
<b>PC2</b>	Analyze and report operational dependencies or delays caused by interdepartmental misalignment	4	2	1	<b>7</b>
<b>PC3</b>	Evaluate and implement a cross-functional escalation process to maintain operational flow during breakdowns or delays	4	5	1	<b>10</b>
<b>PC4</b>	Apply daily production huddles ensuring participation of key floor staff and cross-functional representatives	3	2	1	<b>6</b>

<b>PC5</b>	Communicate daily production targets, resource availability, and critical issues during huddles	2	3	0	<b>5</b>
<b>PC6</b>	Analyze two-way communication during huddles to capture team concerns and improvement suggestions	3	2	1	<b>6</b>
<b>PC7</b>	Apply daily team performance metrics in alignment with shift production goals	5	2	1	<b>8</b>
<b>PC8</b>	Analyze daily performance gaps and communicate realignment strategies with team members	2	2	0	<b>4</b>
<b>PC9</b>	Evaluate weekly alignment meetings to review team performance, document key gaps, and agree on action plans.	2	3	1	<b>6</b>
	<b>NOS Total</b>	<b>30</b>	<b>24</b>	<b>6</b>	<b>60</b>
<b>Ensure Safety and Compliance Standards on Production Floor</b>					
<b>PC1</b>	Apply workplace safety regulations and apparel industry compliance standards	3	1	1	<b>5</b>
<b>PC2</b>	Apply systematic inspections using standardized safety checklists aligned with regulatory requirements.	2	1	0	<b>3</b>
<b>PC3</b>	Analyze adherence to compliance procedures through feedback from workers and supervisors.	2	1	0	<b>3</b>
<b>PC4</b>	Analyze workplace hazards through risk assessment and root cause analysis.	3	1	1	<b>5</b>
<b>PC5</b>	Evaluate and implement preventive safety measures to address identified risks.	2	1	1	<b>4</b>
<b>PC6</b>	Apply and deliver safety training sessions for staff members.	2	1	1	<b>4</b>
<b>PC7</b>	Apply and execute internal safety audits across departments.	2	1	0	<b>3</b>
<b>PC8</b>	Create and maintain a feedback mechanism for workers to report safety concerns and suggest improvements.	2	1	0	<b>3</b>
<b>PC9</b>	Apply safety meetings, workshops, or campaigns involving cross-functional teams.	1	1	0	<b>2</b>
<b>PC10</b>	Evaluate employee perception of safety using surveys or feedback tools	1	1	1	<b>3</b>
	<b>NOS Total</b>	<b>20</b>	<b>10</b>	<b>5</b>	<b>35</b>
<b>AMH/N0310: Manage the workspace, operate tools, and handle machinery efficiently</b>					
<b>PC1</b>	Employ safe and precise techniques in managing materials, machinery, equipment, and tools to uphold a clean and hazard-free workplace environment.	3	10	1	<b>14</b>
<b>PC2</b>	Adhere to proper lifting and handling procedures during operations.	2	7	1	<b>10</b>

<b>PC3</b>	Optimize material usage to reduce waste and safely dispose of any waste material at designated locations.	2	4	1	<b>7</b>
<b>PC4</b>	Perform routine maintenance and cleaning tasks within assigned responsibilities and agreed-upon schedules.	2	10	1	<b>13</b>
<b>PC5</b>	Promptly notify authorized personnel of any unsafe or damaged equipment or hazardous incidents.	1	2	0.5	<b>3.5</b>
<b>PC6</b>	Verify the presence of appropriate machine guards for operational safety.	2	2	0.5	<b>4.5</b>
<b>PC7</b>	Maintain a comfortable and ergonomically sound working posture.	1	7	1	<b>9</b>
<b>PC8</b>	Utilize suitable cleaning equipment and methods relevant to the assigned tasks.	1	7	1	<b>9</b>
	<b>NOS Total</b>	<b>14</b>	<b>49</b>	<b>7</b>	<b>70</b>
<b>DGT/VSQ/N0102: Employability Skills (60 Hours)</b>					
	<b><i>Introduction to Employability Skills</i></b>	1	1	0	<b>2</b>
<b>PC1</b>	Identify employability skills required for jobs in various industries				
<b>PC2</b>	Identify and explore learning and employability portals				
	<b><i>Constitutional values – Citizenship</i></b>	1	1	0	<b>2</b>
<b>PC3</b>	Recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.				
<b>PC4</b>	Follow environmentally sustainable practices				
	<b><i>Becoming a Professional in the 21st Century</i></b>	2	4	0	<b>6</b>
<b>PC5</b>	Recognize the significance of 21st Century Skills for employment				
<b>PC6</b>	Practice the 21st Century Skills such as Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life				
	<b><i>Basic English Skills</i></b>	2	3	0	<b>5</b>
<b>PC7</b>	Use basic English for everyday conversation in different contexts, in person and over the telephone				
<b>PC8</b>	Read and understand routine information, notes, instructions, mails, letters etc. written in English				
<b>PC9</b>	Write short messages, notes, letters, e-mails etc. in English				

	<b><i>Career Development &amp; Goal Setting</i></b>	1	2	0	3
<b>PC10</b>	Understand the difference between job and career				
<b>PC11</b>	Prepare a career development plan with short- and long-term goals, based on aptitude				
	<b><i>Communication Skills</i></b>	2	2	0	4
<b>PC12</b>	Follow verbal and non-verbal communication etiquette and active listening techniques in various settings				
<b>PC13</b>	Work collaboratively with others in a team				
	<b><i>Diversity &amp; Inclusion</i></b>	1	2	0	3
<b>PC14</b>	Communicate and behave appropriately with all genders and PwD				
<b>PC15</b>	Escalate any issues related to sexual harassment at workplace according to POSH Act				
	<b><i>Financial and Legal Literacy</i></b>	2	3	0	5
<b>PC16</b>	Select financial institutions, products and services as per requirement				
<b>PC17</b>	Carry out offline and online financial transactions, safely and securely				
<b>PC18</b>	Identify common components of salary and compute income, expenses, taxes, investments etc.				
<b>PC19</b>	Identify relevant rights and laws and use legal aids to fight against legal exploitation				
	<b><i>Essential Digital Skills</i></b>	3	4	0	7
<b>PC20</b>	Operate digital devices and carry out basic internet operations securely and safely				
<b>PC21</b>	Use e- mail and social media platforms and virtual collaboration tools to work effectively				
<b>PC22</b>	Use basic features of word processor, spreadsheets, and presentations				
	<b><i>Entrepreneurship</i></b>	2	3	0	5
<b>PC23</b>	Identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research				
<b>PC24</b>	Develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion				
<b>PC25</b>	Identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity				
	<b><i>Customer Service</i></b>	1	2	0	3

<b>PC26</b>	Identify different types of customers				
<b>PC27</b>	Identify and respond to customer requests and needs in a professional manner.				
<b>PC28</b>	Follow appropriate hygiene and grooming standards				
	<b><i>Getting ready for apprenticeship &amp; Jobs</i></b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>5</b>
<b>PC29</b>	Create a professional Curriculum vitae (Résumé)				
<b>PC30</b>	Search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively				
<b>PC31</b>	Apply to identified job openings using offline /online methods as per requirement.				
<b>PC32</b>	Answer questions politely, with clarity and confidence, during recruitment and selection				
<b>PC33</b>	Identify apprenticeship opportunities and register for it as per guidelines and requirements				
	<b>NOS Total</b>	<b>20</b>	<b>30</b>	<b>0</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>175</b>	<b>230</b>	<b>45</b>	<b>450</b>

### 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
<b>National Occupational Standards (NOS)</b>	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.
<b>Qualification</b>	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

<b>Qualification File</b>	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.
<b>Sector</b>	A grouping of professional activities on the basis of their main economic function, product, service or technology.
<b>Long Term Training</b>	Long-term skilling means any vocational training program undertaken for a year and above. <a href="https://ncvet.gov.in/sites/default/files/NCVET.pdf">https://ncvet.gov.in/sites/default/files/NCVET.pdf</a>