QUALIFICATION FILE

Washing 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

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Table of Contents

Section 1: Basic Details 3
Section 2: Module Summary 5
NOS/s of Qualifications 5
Mandatory NOS/s: 5
Assessment - Minimum Qualifying Percentage 6
Section 3: Training Related 6
Section 4: Assessment Related 7
Section 5: Evidence of the need for the Qualification 8
Section 6: Annexure & Supporting Documents Check List 8
Annexure: Evidence of Level 9
Annexure: Tools and Equipment (Lab Set-Up) 11
Annexure: Industry Validations Summary 12
Annexure: Training & Employment Details 14
Annexure: Detailed Assessment Criteria 14
Annexure: Assessment Strategy 19
Annexure: Acronym and Glossary 20

Section 1: Basic Details

1.	**Qualification Name**	**Washing Machine Operator**	
2.	**Sector/s**	**Apparel**	
3.	**Type of Qualification:** ☐ **Revised**	**NQR Code & version of existing/previous qualification:** 2022/APR/AMHSSC/06553, Version 3.0	**Qualification Name of existing/previous version: Washing Machine Operator**
4.	**a. OEM Name** **b. Qualification Name** (*Wherever applicable)*	**NA**	
5.	**National Qualification Register (NQR) Code &Version** (*Will be issued after NSQC approval)*	QG-2.5-AP-01870-2024-V1.1-AMHSSC	**6. NCrF/NSQF Level: 2.5**
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**	Washing Machine Operator is responsible to perform various types of washings for apparel and garments, made ups and home furnishing articles. The washings are intended to achieve desired finish reflected in terms of improved performance, cleanliness, luster, feel, drape, softness with combinations of time, temperature, process conditions and chemical formulations specific to product class. The operator should be able to interpret and understand technical specifications and ensure correct wash cycle is used for product type.	
9.	**Eligibility Criteria for Entry for Student/Trainee/Learner/Employee**	**a. Entry Qualification & Relevant Experience:** **b.**	

S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)
1	Grade 9	No Experience required
2	Grade 8 pass and pursuing continuous schooling in regular school	No Experience required
3	8th grade pass	1 year relevant experience
4	5th grade pass	4 year relevant experience
5	Ability to read and write	5 year relevant experience
6	Previous relevant Qualification of NSQF Level 2	6 months relevant experience
7	Previous relevant Qualification of NSQF Level 1	1.5 years relevant experience

<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-2015/8157.0100</td></tr>
<tr><td>15.</td><td>Progression path after attaining the qualification (Please show Professional and Academic progression)</td><td colspan="2">Pressman-Stitched Items (Horizonta)
Processing Supervisor- Dyeing and Printing (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)</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</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/Core	2.5	2	3	0	0	0	3	0	0	0	0	0	0
2	Plan and prepare for process of washing as per job card	AMH/N1810	Core	2.5		12	45	0	0	57	15	60	0	10	85	21%
3	Carrying out the washing process	AMH/N1811	Core	2.5	4	21	99	0	0	120	20	70	0	10	100	25%
4	Maintain health, safety and security in the washing department with Gender & PwD Sensitization.	AMH/N1812	Core	2.5	1	12	18	0	0	30	11	39	0	5	55	14%
5	Maintain work area, tools and machines	AMH/N0102	Non-Core	2.5	1	15	15	0	0	30	14	49	0	7	70	17%
6	Comply with industry, regulatory, organizational requirements and Greening of Job Roles	AMH/N0104	Non-Core	2.5	1	15	15	0	0	30	20	10	0	10	40	10%
7	Employability Skills	DGT/VSQ/N0101	Non-Core	2.5	1	12	18	0	0	30	20	30	0	0	50	13%
Duration (in Hours) / Total Marks					10	90	210	0	0	300	100	258	0	42	400	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 Processing OR Senior Secondary with 5 Year of relevant industry experience in Processing OR Diploma with 4 Year of relevant industry experience in Processing OR Graduation with 3 Year of relevant industry experience in Processing OR Post graduate diploma with 2 Year of relevant industry experience in Processing OR Post Graduate with 1 Year of relevant industry experience in Processing
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 Processing OR Graduation with 3 Year of relevant industry experience in Processing OR Post graduate diploma with 2 Year of relevant industry experience in Processing OR Post Graduate with 1 Year of relevant industry experience in Processing
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 Processing OR Diploma with 4 Year of relevant industry experience in Processing OR Graduation with 3 Year of relevant industry experience in Processing OR Post graduate diploma with 2 Year of relevant industry experience in Processing OR Post Graduate with 1 Year of relevant industry experience in Processing
2.	**Proctor's Qualification and experience in relevant sector (in years)** *(as per NCVET guidelines)*	ITI with 4 Year of relevant industry experience in Processing OR Diploma with 4 Year of relevant industry experience in Processing OR Graduation with 3 Year of relevant industry experience in Processing OR Post graduate diploma with 2 Year of relevant industry experience in Processing OR Post Graduate with 1 Year of relevant industry experience in Processing
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 Processing OR Diploma with 4 Year of relevant industry experience in Processing OR Graduation with 3 Year of relevant industry experience in Processing OR Post graduate diploma with 2 Year of relevant industry experience in Processing OR Post Graduate with 1 Year of relevant industry experience in Processing
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:** 330
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)*	NCrF/NSQF level justification based on NCrF level/NSQF descriptors
2.	**Annexure:** List of tools and equipment relevant for qualification *(Mandatory, except in case of online course)*	List of tools and equipment relevant for qualification
3.	**Annexure:** Detailed Assessment Criteria *(Mandatory)*	Detailed Assessment Criteria
4.	**Annexure:** Assessment Strategy *(Mandatory)*	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)*	Acronym and Glossary
8.	**Supporting Document:** Model Curriculum *(Mandatory – Public view)*	Model Curriculum
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	• Washing Machine Operator is skilled to do a routine job to operate washing machine to execute running of various washing program to achieve desired characteristics from as simple as cleaning to finishing attributes of improved feel, drape, luster, biological resistance etc. • Washing Machine Operator has skill in sorting fabrics and textiles by color, material, and care instructions. • Washing Machine Operator analyses each washing process adopted, its pros and cons and its significance to the company and to the final garment.	• **Basic working/ operational knowledge in the area of work with understanding of basic materials, tools, applications in a limited context.** • A washing machine operator, typically working in a laundry facility, is responsible for operating and maintaining commercial or industrial washing machines used to clean a variety of fabrics and textiles.	2.5
Professional and Technical Skills/ Expertise/ Professional Knowledge	• Washing Machine Operator should have the knowledge of operating, handling of washing machine based on capacity, suitability for garment types, washing cycle, etc. ,chemicals(softener, bleaches,) used in washing and their shelf life, parameters affecting washing like pH, temperature, time, etc. • Washing Machine Operator should also know about type of fibre, yarn and fabric- yarn dyed, piece dyed or printed , the chemicals to be used as per the type of stains and fabrics in the correct formulae and ensure that garments are free from undesirable crease/fold/twist. • Washing Machine Operator should be aware of objectionable defects in garments.	• **The individual shall have basic factual knowledge for various activities to be performed during operation and procedure** • Knowledge of basic machine maintenance, including cleaning, lubrication, and minor repairs. • Ability to identify and report technical issues to maintenance staff. • Understanding of various fabric types and their care requirements to prevent damage or shrinkage during washing. • Knowledge of pre-treatment techniques for stain removal or fabric conditioning.	2.5
Employment Readiness &	• Washing Machine Operator communicates with superiors, colleagues and juniors appropriately and	**Team worker, with broad employability skills who displays of motivation and positive**	2.5

Entrepreneurship **Skills & Mind-set/Professional Skill**	seeks clarification from the concerned supervisor in a detailed manner to avoid further clarity. • Washing Machine Operator reports abnormalities and nonconformities detected to superiors. • Washing Machine Operator evaluates and washes the garments as per client specifications. And identify root cause of a problem related to the preparation of garments that are to be washed like difference in shades, slight visible difference in the design, etc. • Washing Machine Operator reads in the local language as applicable.	**attitude for work.** • Washing machine operator makes decisions in relation to the planning and preparation of the garments to be washed on daily basis. • Washing Machine Operator reads and writes the instructions and communicates to team members. • Effective communication with clients or customers regarding special requests or specific laundry instructions.	
Broad Learning Outcomes/Core Skill	• Washing Machine Operator writes letters, memos clearly and legibly, reads and comprehends written instructions mentioned in the job card related to the materials required to carry out the process of washing, machine operation, and safety issues organization. • Washing Machine Operator calculates the chemicals required to wash the garments, home furnishing articles etc , according to the stains and fabric. • Washing Machine Operator follows a Standard Operating Procedure (SOP) and regulations in processing unit and maintenance, safety of the machine, washing unit as per the organization's policy. • Washing Machine Operator makes appropriate and timely decision in responding to emergencies/accidents in line with organization and evaluates and uses correct PPE and other safety gear while at the washing department. • Washing Machine Operator organizes the required machineries and chemicals to be used for washing and identifies and corrects any problem in them.	• **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** Washing machine operator documents records related to the style production and quality in terms of washing, operational data about washing machines, the process steps being followed during washing, the changes made, the defects discovered, washing material used etc.	2.5
Responsibility	• Washing Machine Operator is responsible to perform various types of washings for apparel and garments, made ups and home furnishing articles, which are intended to be achieved in the desired finish reflecting in terms of improved performance, cleanliness, lustre, feel, drape, softness with	• Takes responsibility for delivery and quality of own work and tangible output. • He is responsible for own work and learning.	2.5

	combinations of time, temperature, process conditions and chemical formulations specific to product class.		

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
1	Industrial Washing Machine		1
2	Drying Machines And Tumbler		1
3	Trims & Accessories		1
4	Trims & Accessories/ swatch file		1
5	Chemicals & Reagents(various types)	Chemicals & Reagents(various types)	5
6	Stains Swatch file		1
7	White /BlackBoard With Marker & Chalk Duster		1
8	Hangers		5
9	Laundry Baskets		3
10	Hanging Rope		5
11	Boilers And Steam Generators		1
12	Small Brush		30
13	Types Of Labels	wash care, content labels etc.	1
14	Trolley		3
15	Types Of fabrics yardage		5
16	Stained Garments and Made Ups And Home Furnishing Articles		10
17	First Aid Box	1 each	1
18	Protective Equipment	eg: gloves, apron etc.	15
19	Basic Stationary	notebook, pen, pencil, eraser, sharpner, scale small etc	30
20	Hand Book On Wash Instruction And Labels		1
21	Students Manual		30
22	Job Card		30
23	Inventory/Stock Register sample		1
24	Student's Chairs With Table Arms	for classroom	30

25	Trainer's chair And Table		1
26	Fire Extinguisher		1
27	Big Table		2
28	Tubs	wooden	2
29	Dustbin		3
30	Trainees stools		15

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	105	70	95	61	NA	NA
2024	110	72	100	64	NA	NA
2025	115	75	105	67	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	100	98	95	65	90	88	86	58	NA	NA	NA	NA
Version 1.0	2021	95	93	90	61	85	83	81	55	NA	NA	NA	NA
Version 1.0	2020	90	88	86	58	81	79	77	52	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 is available:

Hindi

Annexure: Detailed Assessment Criteria

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

AMH/N1810: Plan and prepare for process of washing as per job card					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**

PC1	Ensure that the machine is empty & clean and ready to use	1	3	-	1
PC2	Ensure garments are free from undesirable crease/fold/twist	2	8	-	2
PC3	Check garments for any objectionable defects and if found, report the same to concerned personnel	5	15	-	1
PC4	Mark the articles for washing with identifying code numbers or names using hand or machine markers	2	10	-	2
PC5	Make sure the machine is kept clean at all times, before loading, while running and after unloading the fabric	1	4	-	1
PC6	Check that all the controls of the machines are functioning properly	2	10	-	2
PC7	Ensure enough supply of utilities such as water, air and steam for proper functioning of the machine	2	10	-	1
	NOS Total	**15**	**60**	**-**	**10**

AMH/N1811: Carrying out the washing process

PC	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC1	Read and comprehend the process being followed to do the task of putting the detergent or any other chemical into the machine	1	3	-	1
PC2	Check different parameters of the process like ph, color, temperature, length of washing cycle etc.	4	12	-	2
PC3	Run the machine as per the washing cycle referred in the job card	1	8	-	-
PC4	Pick out one or two pieces from washed product randomly and compare the pieces with the standard reference sample	3	15	-	2
PC5	Check the product for washing or rubbing fastness due to abrasion; and report to concerned person in case of any anomalies	4	12	-	2
PC6	Remove the objects and place them in the drying machine as per the instructions in the job card	1	6	-	1
PC7	Check the products for any stains or damage after the process	6	14	-	2
	NOS Total	**20**	**70**	**-**	**10**

AMH/N1812: Maintain health, safety and security in the washing department with Gender & PwD Sensitization					
PC	**Assessment Criteria for Outcomes**	**Theory Marks**	**Practical Marks**	**Project Marks**	**Viva Marks**
PC1	Identify different kinds of possible hazards (environmental, personal, ergonomic, chemical) of the industry	3	4	-	1
PC2	Ensure washing effluents are monitored periodically for compliance before discharge with industrial and environmental requirements like bod, cod, ph, color, etc.	2	5	-	1
PC3	Ensure safe and secure handling of washing equipments, tools and machineries with the help of gloves, boots, etc.	2	15	-	1
PC4	Follow compliance requirements related to the washing processes health safety, gender and PwD (People with disability) applicable to the workplace	2	10	-	1
PC5	Participate in first-aid, fire-fighting and emergency response training; group discussions, training sensitization programs for gender and PwD awareness organized at the workplace	2	5	-	1
	NOS Total	**11**	**39**	**-**	**5**
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	3	10	-	1
PC2	Use correct lifting and handling procedures	2	7	-	1
PC3	Use materials efficiently to minimize wastage and dispose off waste safely at the designated location.	2	4	-	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	1	2	-	0.5
PC6	Ensure that the correct machine guards are in place	2	2	-	0.5
PC7	Work in a comfortable position and maintain correct posture	1	7	-	1
PC8	Use cleaning equipment and methods appropriate for the work to be carried out	1	7	-	1
	NOS Total	**14**	**49**	**-**	**7**

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 biodata				
PC20	Search for suitable jobs and apply				
PC21	Identify and register apprenticeship opportunities as per requirement				
	NOS Total	**20**	**30**	**0**	**0**
	GRAND TOTAL	**100**	**258**	**0**	**42**

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 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:

- 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 (which covers the job profile of Automotive Service Assistant Technician) 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