



सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय  
**DEVELOPMENT COMMISSIONER**  
MINISTRY OF MICRO, SMALL & MEDIUM  
ENTERPRISES

**MSME TECHNOLOGY CENTRE**



**Skill India**  
कौशल भारत - कुशल भारत

## QUALIFICATION FILE

### Jr. Technician- Footwear Design & Production

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

Up-skilling  Dual/Flexi Qualification  For To T  For To A

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

NCrF/NSQF Level: 3.0

Submitted By:

**MSME TECHNOLOGY CENTRE**  
O/o DC MSME, Ministry of Micro, Small and Medium Enterprises  
Govt. of India  
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Table of Contents

NOS/s of Qualifications, .....	5
<i>(In exceptional cases these could be described as components)</i> .....	5
Mandatory NOS/s:.....	5
Elective NOS/s: .....	6
Optional NOS/s:.....	6
Assessment - Minimum Qualifying Percentage: .....	6
Section 3: Training Related.....	7
Section 4: Assessment Related.....	7
Section 5: Evidence of the need for the Qualification.....	8
Section 6: Annexure & Supporting Documents Check List.....	8
Annexure: 1 Evidence of Level .....	10
Annexure: II Tools and Equipment (Lab Set-Up) .....	12
Annexure III: Industry Validations Summary.....	15
Annexure IV: Training & Employment Details.....	18
Annexure V: Blended Learning .....	19
Annexure VI: Detailed Assessment Criteria.....	20
Annexure VII: Assessment Strategy.....	25

## Section 1: Basic Details

<b>1.</b>	<b>Qualification Name</b>	<b>Jr. Technician- Footwear Design &amp; Production</b>																
<b>2.</b>	<b>Sector/s</b>	<b>Leather</b>																
<b>3.</b>	<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> <i>(change to previous, once approved)</i>  QG-03-LT-02376-2024-V1-MSME	<b>Qualification Name of existing/previous version:</b>  Certificate Course in Footwear Design and Production (CCFDP)															
<b>4.</b>	<b>a. OEM Name</b> <b>b. Qualification Name</b> <i>(Wherever applicable)</i>	NA -																
<b>5.</b>	<b>National Qualification Register (NQR) Code &amp; Version</b> <i>(Will be issued after NSQC approval)</i>	QG-03-LT-02376-2024-V1-MSME	<b>6. NCrf/NSQF Level: 3.0</b>															
<b>7.</b>	<b>Award(Certificate/Diploma/Advanced Diploma/Any Other)</b> <i>(Wherever applicable specify multiple entry/exits also &amp; provide details in annexure)</i>	<b>Certificate</b>																
<b>8.</b>	<b>Brief Description of the Qualification</b>	<ul style="list-style-type: none"> <li>To create multi skilled workers/ operators for pattern cutting and various shoe manufacturing operations and to develop supervisory capacity for quality and timely production of different types of Footwear.</li> <li>Learner will be competent to work as Skilled Machine Operator in the shoe making industries and can get employment in the shoe making industries</li> <li>Learner can also become an entrepreneur</li> </ul>																
<b>9.</b>	<b>Eligibility Criteria for Entry for Student/Trainee/Learner/Employee</b>	<b>a. Entry Qualification &amp; Relevant Experience:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 5%;">S. No.</th> <th style="width: 65%;">Academic/Skill Qualification (with Specialization - if applicable)</th> <th style="width: 30%;">Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>10th pass or equivalent</td> <td>No experience required</td> </tr> <tr> <td style="text-align: center;">2</td> <td>9th pass</td> <td>1.5 years Relevant experience</td> </tr> <tr> <td style="text-align: center;">3</td> <td>8<sup>th</sup> pass</td> <td>3 years Relevant experience</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Previous NSQF Levels 2.5</td> <td>1.5 years Relevant experience</td> </tr> </tbody> </table>		S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1	10th pass or equivalent	No experience required	2	9th pass	1.5 years Relevant experience	3	8 <sup>th</sup> pass	3 years Relevant experience	4	Previous NSQF Levels 2.5	1.5 years Relevant experience
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3	8 <sup>th</sup> pass	3 years Relevant experience																
4	Previous NSQF Levels 2.5	1.5 years Relevant experience																

		b. Age: 15 Years																												
10.	<b>Credits Assigned to this Qualification, Subject to Assessment</b> (as per National Credit Framework (NCrF))	20				<b>11. Common Cost Norm Category (I/II/III) (wherever applicable):</b> I																								
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 <b>Total Duration</b> as per selected training delivery modes and as per requirement of the qualification)	<input type="checkbox"/> Offline <input type="checkbox"/> Online <input checked="" type="checkbox"/> Blended <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>36</td> <td>450</td> <td>60</td> <td>0</td> <td>546</td> </tr> <tr> <td>Online</td> <td>54</td> <td>0</td> <td>0</td> <td>0</td> <td>54</td> </tr> <tr> <td><b>Total</b></td> <td><b>90</b></td> <td><b>450</b></td> <td><b>60</b></td> <td><b>0</b></td> <td><b>600</b></td> </tr> </tbody> </table> <p>(Refer Blended Learning Annexure for details)</p>					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	36	450	60	0	546	Online	54	0	0	0	54	<b>Total</b>	<b>90</b>	<b>450</b>	<b>60</b>	<b>0</b>	<b>600</b>
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14.	<b>Aligned to NCO/ISCO Code/s</b> (if no code is available mention the same)	7536.01 / Shoemaker																												
15.	<b>Progression path after attaining the qualification</b> (Please show Professional and Academic progression)	Professional / Career Progress: Technician (Footwear Design And Production)  Academic Progress: Technician (Footwear Design And Production) (NSQF Level 3) →Diploma (Advanced) in Footwear Manufacture & Design (NSQF Level 5)																												
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", As per Govt. norms																												
19.	<b>How Participation of Women will be Encouraged</b>	Seats are reserved as per Government Norms.																												

20.	<b>Are Greening/ Environment Sustainability Aspects Covered</b> <i>(Specify the NOS/Module which covers it)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No The said aspect is covered in the module name Employability Skills
21.	<b>Is Qualification Suitable to be Offered in Schools/Colleges</b>	Schools <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Colleges <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Subject to availability of resources.
22.	<b>Name and Contact Details of Submitting / Awarding Body SPOC</b> <i>(In case of CS or MS, provide details of both Lead AB &amp; Supporting ABs)</i>	Name: Sh. Vijay Mahipatrao Bankar Contact No. +0755 3501078 Email-msmetcab@gmail.com
23.	<b>Final Approval Date by NSQC: 30.04.2024</b>	24. Validity Duration: 3 Years 25. Next Review Date: 30.04.2027

## 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**

Sr. No.	NOS/Module Name	NOS/Module Code & Version <i>(if applicable)</i>	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 (%) <i>(if applicable)</i>
1.	Basic Designing and Pattern Cutting	MSME/CC FDP-101	Core	3	3	-	90	0	0	90	-	100	0	0	100	
2.	Basic Clicking Technology	MSME/CC FDP-102	Core	3	3	-	90	0	0	90	-	100	0	0	100	
3.	Basic Closing Technology	MSME/CC FDP-103	Core	3	7	30	150	30	0	210	100	100	0	0	200	
4.	Basic Lasting & Making Technology	MSME/CC FDP-104	Core	3	5	-	120	30	0	150	-	100	0	0	100	

Sr. No.	NOS/Module Name	NOS/Module Code & Version <i>(if applicable)</i>	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 (%) <i>(if applicable)</i>
5.	Quality Control	MSME/CC FDP-105	Core	3	1	30	0	0	0	30	100	0	0	0	100	
6.	Employability skills	MSME/ES /01	None Core	3	1	30	0	0	0	30	100	0	0	0	100	
<b>Duration (in Hours) / Total Marks</b>					<b>20</b>	<b>90</b>	<b>450</b>	<b>60</b>	<b>0</b>	<b>600</b>	<b>300</b>	<b>400</b>			<b>700</b>	

Elective NOS/s:

S. No	NOS/Module Name	NOS/ Module Code & Version <i>(if applicable)</i>	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 (%) <i>(if applicable)</i>
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Optional NOS/s:

S. No	NOS/Module Name	NOS/ Module Code & Version <i>(if applicable)</i>	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 (%) <i>(if applicable)</i>
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Assessment - Minimum Qualifying Percentage:

Specify any one of the following:

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

*Minimum Marks to pass Theory Exam: 40%*

*Minimum Marks to pass Practical Exam: 60%*

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

*Minimum Marks to pass Theory Exam: 40%*

*Minimum Marks to pass Practical Exam: 60%*

### Section 3: Training Related

1.	<b>Trainer’s Qualification and experience in the relevant sector (in years)</b> <i>(as per NCVET guidelines)</i>	Diploma/ Degree in relevant field or Equivalent with Practical skills and knowledge required in the relevant job role at least one level higher i.e level 3.5 and above in related field and minimum 2 years of experience in Tool Room/ Technology Centre of MSME or any reputed industry will become a trainer, Or in accordance with the TOT guideline of NCVET
2.	<b>Master Trainer’s Qualification and experience in the relevant sector (in years)</b> <i>(as per NCVET guidelines)</i>	Diploma/Degree in relevant field or equivalent with 3 to 5 years of experience in Production/ Training/ Design Department from Tool Room/ Technology Centre of MSME or any reputed industry will become as a Master Trainer, Or in accordance with the TOT guideline of NCVET.
3.	<b>Tools and Equipment Required for Training</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If “Yes”, details to be provided in Annexure)</i>
4.	<b>In Case of Revised Qualification, Details of Any Up-Skilling 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>	Diploma / Degree in relevant field or equivalent with 3 years of experience in Production/ Training/ Design Department from Tool Room/ Technology Centre of MSME or any reputed industry.  Only (TOA) certified assessors will be able to conduct the assessments.
2.	<b>Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	Degree in relevant field or equivalent With 5 years of experience in Production/ Training/ Design Department from Tool Room/ Technology Centre of MSME or any reputed industry.
3.	<b>Lead Assessor’s/Proctor’s Qualification and experience in relevant sector (in years) (as per NCVET guidelines)</b>	Post Graduate in the relevant discipline with minimum 5 years of experience in Production/ Training/ Design Department from Tool Room/ Technology Centre of MSME or any reputed industry.
4.	<b>Assessment Mode</b> (Specify the assessment mode)	Theory – Online or Offline Practical - Offline
5.	<b>Tools and Equipment Required for Assessment</b>	<input checked="" type="checkbox"/> Same as for training <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.	<b>Latest Skill Gap Study (not older than 2 years) (Yes/No):</b> Yes
2.	<b>Latest Market Research Reports or any other source (not older than 2 years) (Yes/No):</b> Yes
3.	<b>Government /Industry initiatives/ requirement (Yes/No):</b> Yes
4.	<b>Number of Industry validation provided:</b> 30
5.	<b>Estimated nos. of persons to be trained and employed:</b> 100
6.	<b>Evidence of Concurrence/Consultation with Line Ministry/State Departments:</b> Yes  If “No”, why:

### 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> )	<i>Annexure I</i>
2.	<b>Annexure:</b> List of tools and equipment relevant for qualification ( <i>Mandatory, except in case of online course</i> )	<i>Annexure II</i>
3.	<b>Annexure:</b> Industry Validations Summary	<i>Annexure III</i>
4.	<b>Annexure:</b> Training & Employment Details	<i>Annexure IV</i>
5.	<b>Annexure:</b> Blended Learning ( <i>Mandatory, in case selected Mode of delivery is “Blended Learning”</i> )	<i>Annexure V</i>
6.	<b>Annexure:</b> Detailed Assessment Criteria ( <i>Mandatory</i> )	<i>Annexure VI</i>
7.	<b>Annexure:</b> Assessment Strategy ( <i>Mandatory</i> )	<i>Annexure VII</i>
8.	<b>Annexure:</b> Acronym and Glossary ( <i>Optional</i> )	<i>Annexure VIII</i>
9.	<b>Annexure:</b> Multiple Entry-Exit Details ( <i>Mandatory, in case qualification has multiple Entry-Exit</i> )	<i>NA</i>
10.	<b>Supporting Document:</b> Model Curriculum ( <i>Mandatory – Public view</i> )	<i>Annexure IX</i>
11.	<b>Supporting Document:</b> Career Progression ( <i>Mandatory – Public view</i> )	<i>This aspect mentioned in point no. 15</i>
12.	<b>Supporting Document:</b> Occupational Map ( <i>Mandatory</i> )	<i>Annexure X</i>
13.	<b>Supporting Document:</b> Assessment SOP ( <i>Mandatory</i> )	<i>Annexure XI</i>
14.	<b>Any other document you wish to submit:</b>	<i>NA</i>

### Annexure: 1 Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
<b>Professional Theoretical Knowledge/Process</b>	<ul style="list-style-type: none"><li>● To assist in Design and Develop the footwear as per customer specifications using well developed skills.</li><li>● To assist develop Design and Technology support system based on the product requirements.</li><li>● To analyze the raw materials of footwear manufacture.</li><li>● To ensure the production process is as per production manual and approved samples.</li><li>● To possess process knowledge in various footwear construction and SOPs.</li><li>● Describe Manufacturing Processes and process plan.</li></ul>	<p>In the occupation of footwear skilled worker , each work is considered as new challenge , as the production sequence in each and construction is different .The new product design and development and trail production is always a challenge as product which shall come for design and production are always unpredictable and new from the previous one. Even though the skilled worker has experience in different construction, but he/she has to face challenges of type of construction due to change in material specifications and customer survey. Production requirements shall change from customer to customer and many times the manager are not clear in the procedures in familiar context.</p> <p>In this qualification Job Holder he has to carry out production and material as per the quality compliance manual which includes receiving inquiry from customer internally and through outside agencies.</p>	Level 3

		<p>Job holder shall understand the design from inter departmental team and from customer. Job holder shall follow the trial production.</p>	
<p><b>Professional and Technical Skills/ Expertise/ Professional Knowledge</b></p>	<ul style="list-style-type: none"> <li>● Knowledge in facts, principles, processes and general concepts in footwear Designing and Development.</li> <li>● Describe different Construction used in footwear production</li> <li>● Describe different material used in footwear production and its applications.</li> </ul>	<p>As job holder is dealing with design and production in footwear product manufacturing units, it is required that job holder should possess working knowledge in the field of footwear production like designing, production. Job Holder shall apply his/her Knowledge in facts ,principles ,processes and general concepts in footwear Designing and Development in general construction methodology like, types of design and various development techniques types of footwear construction, different size systems, different types of raw materials, etc. Job Holder shall have working knowledge of elements of tool, material and sequence, manufacturing operations of each element, accuracy criteria for production elements.</p> <p>Job holder shall judge the best production process with appropriate reasoning like best economy, quality requirement etc.</p>	<p>Level 3</p>
<p><b>Aptitude, Mind Set , Soft Skills, Employment Readiness &amp; Entrepreneurship Skills</b></p>	<ul style="list-style-type: none"> <li>● Develop positive attitude &amp; Passion for work.</li> <li>● Develop Good Communication Skills</li> <li>● Identify basic tools and materials.</li> <li>● To assist team members to Design and Development of SOP</li> <li>● To assist team members to Develop creative solution to the predictable and unpredictable problems in production process.</li> <li>● To assist team members to Troubleshoot the problems in SOP and validation</li> </ul>	<p>Job holder shall assist the sectional heads in the design and development of footwear's through following practical skill: gather accurate information on the requirements of the customer, customer's requirement, plan for production process and develop a schedule for the production process e.g. works order date, plan date, actual completion date, Obtain and review existing information with reference to the specified design requirement light weight, packing and shipping instruction, etc.</p> <p>In the qualification job holder shall assist to provide practical solutions of the abstract problems which arises during the production of footwear such as: clicking error, size marking errors, color mismatch, defects in the components, stitching error, attaching errors, skiving errors and sole attaching and bonding issues. Job holder shall solve above problems as a team member wherever applicable.</p>	<p>Level 3</p>
<p><b>Broad Learning Outcomes/Core Skill</b></p>	<ul style="list-style-type: none"> <li>● Use basic health and safety practices at the workplace.</li> <li>● Apply basis arithmetic skills in Design &amp; production.</li> <li>● Should possess knowledge in language to communicate in written and oral and technically.</li> <li>● Basic understanding of the environment.</li> </ul>	<p>Job holder shall work in team under close coordination of the section heads. He should be capable to understand the project objectives, he should be capable to communicate clearly to the group members through written /verbal/e mail etc. as per organizational standard, identify different design options which will meet requirements and specification,</p> <p>Identify sources of information and support for problem solving, seek assistance and support from other sources to solve problems. Prepare production plan with timeline and responsibilities with team.</p> <p>Job holder shall use protective equipment while working in shop floor, wear helmet, state the name and location of people responsible for health and safety in the workplace, state the names and location of documents that refer to health and safety in the workplace .To possess knowledge about job-site hazardous work and state possible causes of risk or accident in the workplace like slippery floor, carry out safe working practices while dealing with hazards to ensure the safety of self and others like disposal of oil, waste etc. The job holder should use the various appropriate fire extinguishers on different types of fires correctly, participate in emergency procedures</p>	<p>Level 3</p>

<b>Responsibility</b>	The job holder is Responsible for his Own Work and also the process of learning new work techniques in continuous basis	Job holder shall learn and work independently and should take the responsibility to learn new things. After receiving instructions and specifications from the customer job holder shall prepare the proto type with time line under the close supervision of respective heads and he should learn new job responsibilities as team members like preparation of bill of material, verification and release of articles for trail production and rectification along with validation and will have some responsibility of output of group. Job holder should be in continuous learning and development by time to time, discussing with team various issues of project suitability to specified machine, new development in machines, and selection of material. Job holder shall follow work standard, specific norms and procedures laid down by the organization by understanding the concepts.	Level 3
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### Annexure: II Tools and Equipment (Lab Set-Up)

List of Tools and Equipment for Batch Size: 50

Sr. No	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	TravellingHead beamclickingpress	25tones/220V/5HP/TwoSwitch	1
2	HydraulicSwingarmClickingPress	WithStandard(Italian)(16-20tons)/220V/1Kw	2
3	SkivingMachine	220V/1HP(Normal)/wallknife/MaxSewingSpeed:2800rpm	2
4	SkivingMachine(Heavy)	220V/1HP(HeavyDuty)/1200RPM/Wellknife	1
5		220V/1.5HP/RivetingHeigh,800mm.EyeletDiameter,15-25mm.EyeletLength,3-8mm.	

	SankRivetingMachine	Throat,200mm.Power,1/2HP	1
6	Insolemoldingmachine	440V/3HP/Two stationwith standardmolds	1
7	Insolebeveling machine	440V/3HP	1
8	Stampingmachine	220V/1KW/PneumaticType/Heatcoil	1
9	StrapCuttingmachine	440V/2HP150MMWorkingwidthCompleewithHead/Table/Motor/StandSpacers2mm,3mm,5mm,10mm,15mm,20mm,25mmeach10nos. andspares	1
10	FlatBedSewingmachine	220V/1HP/Singleneedlelockstitchdropfeedsewingmachinecompleewithhead/table/motor/stand/roller/pressurefoot/rollerfeed	5
11	PostBedSingleNeedle,	220V/1HPLockStitchSewingMachineCompleewithHead/Table/Motor/Stand/RollerPressureFoot	5
12	Zig -Zegmachine	220V/1HP,Singleneedlestitchingm/ccompleewithhead/table/motor/standandworkinglamp	1
13	Eyeletmachine	220V/1HP/80times/Min,SizeofMachine:680*450*1400mmWeight120Kgs	1
14	SeamRubbing&Tappingmachine	440V/2HP/Pneumatic	1
15	WrinkleChaser	440V/5KW/SteamTemperature100-120DegreeCelsius/AirTemperature125-135DegreeCelsius/NumericPressure	1
16	HeatSettingMachine	440V/20KW/Numeric/3-6Bar pressure/1.3to5Minutestime/SteamTemperature100-120DegreeCelsius/AirTemperature125-135DegreeCelsius/pneumaticPressure.	1
17	RoughingMachine(WithDustCollector)	440V/5HP/EmeryPaper/GRIT/25/60/80/WireBrush	1
18	HeatReactivater(IR)autocut	220V/4KW/75-90degreeCelsius,Dwelltime=2-6SEC	1
19	PolishingMachine(WithDustCollector)	440V/4HP/CottonBrushwithRPM750-1000rpmandwoolen=500-750RPM	1
20	PneumaticSolePressMachine	220V/1HP/AutomaticandVerticalwith4-6BarPressure	1
21	DIPMachine(PVCVertical)	440V/200KW/10 Station, Extruderwithtemperature150-180DegreeCelsius	1
22	ChillerMachine	440V/10KW/4-6BAR/ Temperature-20to-30Degree Celsius,Time1.5to3Minutes	1
23	StrobleStitchingMachine	220V/1HP/MechanicalPaddleOperation	1
24	AirCompressor	440V/20HP/AutoCutat(60BAR),AirReservoirwithairdryer	1
25	PostBedDoubleNeedleLockStitchMachine	220V/1HP220V/1HPLock StitchSewingMachineCompleewithHead/Table/Motor/Stand/RollerPressureFoot	2

26	LeatherComponentsSplittingMachine	MaxWidthofSplit420mmMaxThicknessofSplit3mmMiniThicknessofSplit0.5mmPowerofMotor3kW/440V	1
27	FusingMachine(RotaryIroningmachine)	Semi-Automatic,PneumaticMaxFabricWidth0-5mmSize450mm PowerConsumption(kw)4kW	1
28	MoccasinpreformingMachines	MoccasinSteamingandHeatingironingformingmoldingmachineVoltage440VPower5KWPneumatic,Mach ineDimensions1250*1000*1700MM,6stations	1
29	ToePuffAttachingMachine	Doublestation,220V/5KWwithsteam100-120,Pneumatic	1
30	CounterMoldingMachine	Doublestation,440V/5KWwithwiperplate,Pneumatic,Temperature-20and130degreeCelsius	1
31	ToeLastingMachine	9Pincers,Solidmeltadhesiveroll,440V/3KWPneumatic,ManualControl	1
32	Solestitchingmachine	220V/1HP,ChainStitchSewingMachinePneumatic	1
33	PoundingMachine	220V/2HP/WithHeater	1
34	Seatandsidelastingmachine	440V/5HP/self-adhesivemechanism,Pneumatic,	1
35	MullingMachine	440V/5KW/Stemwithtemperature100-120auto cutmechanism	1
36	ColorSprayCabinet	415V/2HP/50Hzwithwaterflowmechanismatsides	1
<b>TOOLS</b>			
<b>CLICKING SECTION</b>			
37	Continental cutting knife	As per Standard	30
<b>CLOSING SECTION</b>			
38	Closing Hammer	As per Standard	30
39	Scissors	As	30
39	Punches	As per Standard	30
40	Gimping Scissors	As per Standard	30
41	Closing Rampi	As per Standard	30
<b>LASTING SECTION</b>			
42	Hand Pincers	As per Standard	30
43	Hammer	As per Standard	30
44	Bottom Rampi	As per Standard	30
45	Nail Puller	As per Standard	30

46	Stitching owl	As per Standard	30
47	Shoe Horn	As per Standard	30
DESIGNING SECTION			
48	Cutting Knife	As per Standard	30
49	Measuring Tape	As per Standard	30
50	Shoe Last	As per Standard	200nos.
51	Designing Paper	As per Standard	30
52	Cutting Mate	As per Standard	30

#### Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Projector
2. White Board
3. Power point Slides
4. Videos

### Annexure III: Industry Validations Summary

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

Annexure III: Industry Validations Summary							
Sr. No.	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)
1	M/s Jatin Overseas	Mr. Tirath Singh	Managing Director	D-10, Site-C UPSIDC, Sikandra, Agra- 282007	9837132207	<a href="mailto:jatinjk5@rediffmail.com">jatinjk5@rediffmail.com</a>	-

2	M/s Carson Overseas	Mr. Mahipal Singh	Manager HR & Admin	B-9,10,11 EPIP, Shastripuram, Agra- 282007	9897945496	<a href="mailto:info@carsonoverseas.in">info@carsonoverseas.in</a>	
3	M/s Maya Overseas	Mr. Ravi Kant Sharma	Proprietor	9, Shiv Vihar Colony, Kailash Road, Sikandra, Agra- 282007	9259520515	<a href="mailto:infomayatrading@gmail.com">infomayatrading@gmail.com</a>	
4	M/s S.S.P. Shoe Company	Mr. Hira Lal	Owner	Vilasganj, Awadhपुरi, Agra- 282010	9358506068	<a href="mailto:sspshoescompany@gmail.com">sspshoescompany@gmail.com</a>	
5	M/s Sagar Footwear	Mr. Jagdish	Owner	Village- 90 KalwariShahganj, Agra- 282010	9627485374	<a href="mailto:akashsagar1092@gmail.com">akashsagar1092@gmail.com</a>	
6	M/s Virola International	Mr. Atul Sharma	Manager Hr& Admin	17/4 A-6 Mathura Road, Runkuta Agra- 282007	7088600123	<a href="mailto:info@virolaindia.com">info@virolaindia.com</a>	
7	M/s Akash Footwear	Mr. Akash	Proprietor	Vilasganj, Kalwari, Shahaganj, Agra-282010	9627569635	<a href="mailto:Akashsagar1092@gmail.com">Akashsagar1092@gmail.com</a>	
8	M/s Rajbeer Shoes	Mr. Rajbeer	Proprietor	90, Kalwari, Shahaganj, Agra- 282010	8445690409	<a href="mailto:dk553140@gmail.com">dk553140@gmail.com</a>	
9	M/s Dawar Footwear Industries	Mr. Rajeev Mishra	Manager HR	Near BabuAsaram Ashram, Agra- Delhi Road, Sikandra, Agra- 282007	0562-3502600	<a href="mailto:shipping@dawargroup.com">shipping@dawargroup.com</a>	
10	M/s Juta Dastkar Federation	Mr. Abhikam Singh	President	25/36 BudhVihar, Chakkipart, Chipitola Road, Agra	8171105364	<a href="mailto:abhikamsingh@gmail.com">abhikamsingh@gmail.com</a>	
11	M/s Tirupati Exports	Mr. Mahendra Singh	Proprietor	Plot No.-1, Ganesh Vihar Extension, UPSIDC Road, Infort of C-32, Agra	9927300515	<a href="mailto:tirupatiexportsagar@gmail.com">tirupatiexportsagar@gmail.com</a>	
12	M/s G.N. Industries	Mr. Gaurav Singh	Proprietor	Plot No.-32, Shri Ram VatikaMaujaBaipur, Agra- 282007	8006345789	<a href="mailto:Gnindustries24@gmail.com">Gnindustries24@gmail.com</a>	
13	M/s Guide Footwear Co.	Mr. Varun Ralli	M.D.	B-3 & B-4, Site-B, UPSIDC, Sikandra, Agra- 282007	9997197362	<a href="mailto:info@guidefootwear.com">info@guidefootwear.com</a>	

14	M/s UV Overseas	Mr. Lalit Kumar	HR	Khasra No. 1282, Behind NavinSabji Mandi, Sikandra-Bainpur, Agra- 282007	7253893236	<a href="mailto:info@uvoverseas.in">info@uvoverseas.in</a>	
15	M/s Metro & Metro	Mr. Dipak Ray	HR Manager	5/170 HalwaikiBagichi, Matura Road, Agra- 282002	8851190270	<a href="mailto:mmagra@metronmetroindia.com">mmagra@metronmetroindia.com</a>	
16	M/s Magnum Footwear Pvt. Ltd.	Mr. Rishabh Jain	HR ( Sr. Executive)	C-47, Site-C, UPSIDC, Industrial Area, Sikandra, Agra- 282007	0562-2640272	<a href="mailto:info@magnumfootwear.in">info@magnumfootwear.in</a>	
17	M/s C.D. Internatinal	Mr. R.K. Sharma	G.M.	C-10, Site-A UPSIDC, Sikanda, Agra-282007	9719107522	<a href="mailto:info@cdexports.com">info@cdexports.com</a>	
18	M/s Karam Udyog	Mr. Bipin Kumar Gupta	Factory Manager	9 Gailana Road, Agra- 282007	7055002369	<a href="mailto:info@karamshoes.com">info@karamshoes.com</a>	
19	M/s S.K.S. Global Pvt. Ltd.	Mr. Bhoopendra Singh Fauzdar Head HR	Head HR	289, RunakataKirawali Road, Agra- 282007	7055108644	<a href="mailto:Sksglobal.info@gmail.com">Sksglobal.info@gmail.com</a>	
20	M/s Virat Footwear Industries	Mr. J.K. Mishra	Proprietor	Plot No. 9, Shiv Vihar, Kailash Mandir Road, Near Water Works, Sikandra, Agra	9897363543	<a href="mailto:viratfootwearindustrics@gmail.com">viratfootwearindustrics@gmail.com</a>	
21	M/s NR Enterprises	Mr. Rakhi	Proprietor	L-2 /253, Shaheed Nagar, Agra	8979551449	<a href="mailto:Bigacesports@gmail.com">Bigacesports@gmail.com</a>	
22	M/s Maya Trading Company	Mr. Ravi Kant Sharma	Proprietor	43/120 L/1 Krishna Colony, Kailash Road, Sikandra, Agra- 282007	9259520515	<a href="mailto:infomayatrading@gmail.com">infomayatrading@gmail.com</a>	
23	M/s Tej International Pvt. Ltd.	Mr. DevedraChaoudhar	DGM	10th-11th Mile Stone, Agra-Mathura Road, Artoni, Agra- 282007	7088682124	<a href="mailto:export@tejgroupindia.com">export@tejgroupindia.com</a>	

24	M/s VRD Export	Mr. Rajeev Gupta	HR	Khasra No. 2013/2 Village-Runkata, Agra	9536121233	<a href="mailto:info@vrexports.in">info@vrexports.in</a>	
25	M/s Super Bond Adhesives Pvt. Ltd.	Mr. Sameer Bhosekar	Sr. Man. HR	118/119, Vardhaman Industrial Complex, Gokul Nagar, L.B.S. Marg, Thane (W)- 400601, Maharashtra	7045732977	<a href="mailto:sales@superbond.co.in">sales@superbond.co.in</a>	
26	M/s Footform	Suklayani Paul	Proprietor	30, Banerjee Para Road, Sarsuna, Kolkata- 700061	7596949946	<a href="mailto:footform@gmail.com">footform@gmail.com</a>	
27	M/s Strong Last	Mr. Tapan Panda	Managing Partner	111, Matheswar Tala Road, Kolkata- 700046	8240056462	<a href="mailto:stronglasts2021@gmail.com">stronglasts2021@gmail.com</a>	
28	M/s KIN Enterprises	Md. Adil Khan	Proprietor	7E Sapgachi 1 <sup>st</sup> Lane Kolkata- 19	8017200726	<a href="mailto:900738arfa@gmail.com">900738arfa@gmail.com</a>	
29	M/s R.N.Crafts	Mr. Nando Kisor Raj	Proprietor	Nibedita Nagar, J.R.R. Road, PO-Nona Chandanpukur, 24 Pgns, Kolkata- 700122	7980062536	<a href="mailto:Mcrafts2018@gmail.com">Mcrafts2018@gmail.com</a>	
30	M/s Huma Enterprises	Mr. Malik Ansari	Partner	Plot No. Khasra No. 130, Opp. Life Line Public School, Site-C, Lakhanpur, Sikandra, Agra-282007	9897036447	<a href="mailto:humamalik@rediffmail.com">humamalik@rediffmail.com</a>	

### Annexure IV: 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
24-25	100	100	10	10	-	-
25-26	150	150	15	15	-	-
26-27	200	200	20	20	-	-

**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
1.0	2022-23	92	92	92	84	3	3	3	0	0	0	0	0
1.0	2021-22	47	47	47	23	0	0	0	0	0	0	0	0
1.0	2020-21	41	41	41	17	0	0	0	0	0	0	0	0

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. Fee based Training Program under the Ministry of MSME.
2. Capacity building Training program under National SC/ST Hub, M/o MSME, GOI
3. Schemes under the different state Government.

**Content availability for previous versions of qualifications:**

Participant Handbook  Facilitator Guide  Digital Content  Qualification Handbook  Any Other:

**Languages in which Content is available: English and Hindi**

### Annexure V: Blended Learning

**Blended Learning Estimated Ratio & Recommended Tools:**

Refer NCVET "Guidelines for Blended Learning for Vocational Education, Training & Skilling" available on:

<https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skilling.pdf>

S. No.	Select the Components of the Qualification	List Recommended Tools – for all Selected Components	Offline : Online Ratio

1	<input type="checkbox"/> Theory/ Lectures - Imparting theoretical and conceptual knowledge	Books/ e-books, Presentations, Reference Material , Audio / Video Modules with 2D and 3D animation Self-Learning Videos /Broadcasts /Mobile Learning /Curated Digital content	40:60
2	<input type="checkbox"/> Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners	Self-Learning Videos , Broadcasts, Mobile Learning , Curated Digital content	40:60
3	<input type="checkbox"/> Showing Practical Demonstrations to the learners	Simulators/ CAD Software, Video Content , E-Resource library	100:0
4	<input type="checkbox"/> Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	CNC Simulators, CNC Lathe & Milling Machines, Grinding Machines, Measuring, instruments, Cutting Tools, Hand Tools / CAD Software	100:0
5	<input type="checkbox"/> Tutorials/ Assignments/ Practice	Online Question Bank, Mobile Quick test app, MCQ based tests, Practical Test on Machines	40:60
6	<input type="checkbox"/> Proctored Monitoring/ Assessment/ Evaluation/ Examinations	Assessment engine for Essays, Up-loadable file examinations, Mock test sessions	50:50
7	<input type="checkbox"/> On the Job Training (OJT)	Live Project on Machines, Measuring Instruments at concern Industry/ Institution	100:0

### Annexure VI: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>NOS/ Module - Basic Designing and Pattern Cutting</b> Identify customer's requirement and create Conceptual footwear Design	<b>PC.1 Discuss Fashion Considerations like</b> <ul style="list-style-type: none"> <li>➤ <b>Line:</b> its effect on footwear design, upper and bottom proportion and balance</li> <li>➤ <b>Shape:</b> The creation of difference last unit silhouettes to emphasis or understate design modes.</li> <li>➤ <b>Colour:</b> The psychological effect of colour and the importance of the creation of seasonal colour ranges.</li> </ul>	-	100	-	-

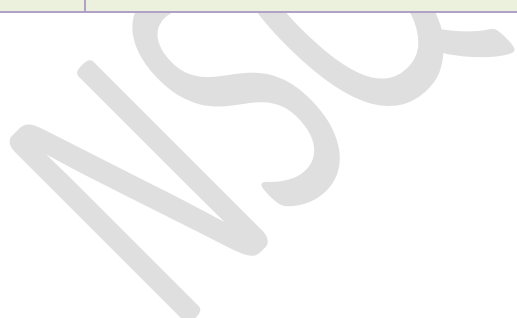
<p>and cut the patterns accordingly.</p>	<ul style="list-style-type: none"> <li>➤ <b>Pattern:</b> The effect of surface pattern detailing and modeling on man - made or leather upper materials, and on unit design.</li> <li>➤ <b>Texture:</b> The effect that surface texture can have on the appearance and wear ability of footwear products.</li> </ul> <p><b>PC.2 Concepts of Foot and Last :</b></p> <ul style="list-style-type: none"> <li>➤ Discuss Styles and designs of last, covering men's, women, and children and shoes, sandals and boots.</li> <li>➤ Classification of last based on different criteria's.</li> <li>➤ Different sizing systems and relation between foot and last.</li> <li>➤ To understand selection of Last.</li> </ul> <p><b>PC.3 Discuss pattern cutting Techniques:</b></p> <ul style="list-style-type: none"> <li>➤ List Variety of last covering and forme taking methods. Paper, tapes, vacuum forme, slotted/ crumpled paper.</li> <li>➤ Discuss Designing on the 3 dimensional shape of the last or vacuum forme, geometrically designing on the flat 2 dimensional, mean forme shapes.</li> <li>➤ Understand the Production of a working standard (compatible to construction allowances) and sectional patterns for outside and linings</li> </ul> <p><b>PC.4 Production of Patterns of different styles:</b></p> <ul style="list-style-type: none"> <li>➤ Apply knowledge and techniques to produce working standards for the main styles of men, women, and children.</li> <li>➤ Work in Court, Oxford, Gibson, and Monk, One, two and three bar straps, trainer, gusset, casual and slip-on taking into account modern production methods, techniques and processes.</li> </ul> <p><b>PC.5 Trims and Accessories Design:</b></p> <ul style="list-style-type: none"> <li>➤ Develop footwear's by using buckles, bows, straps, elastics, Velcro, saddles, collars, eyelets, laces, padding, ski- hooks, sliders and fittings for functional and decorative purposes.</li> </ul> <p><b>PC.6 Production of Bottom Stock Patterns:</b></p> <ul style="list-style-type: none"> <li>➤ Develop bottom patterns and its use in the production of the insole, sock and sole pattern for various construction like cemented, veldschoen, welted California, slip lasted, sandal skeletons for strap designs, Louis flat, knock – on and wedge heel sole pattern heel cover pattern for wedge Louis and knock-on.</li> </ul> <p><b>PC.7 Specialized Pattern Cutting Techniques :</b></p> <ul style="list-style-type: none"> <li>➤ Illustrate Springing/Grading techniques for economy look and fit over and under - recorded pattern shapes.</li> <li>➤ Appreciation of pattern interlock without effecting style or line.</li> </ul> <p><b>PC.8 Design/Style Specification:</b></p>				
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	<ul style="list-style-type: none"> <li>➤ Illustrate Specification procedures for use in production, detailing of style, edge treatments, materials and components used, colors, last and constructions, information and sequence for uppers and bottom stock processes, finishing and shoe room treatments.</li> </ul>				
<p><b>NOS/ Module - Basic Clicking Technology</b> To possess knowledge about different materials used in clicking section and concepts of clicking with the use of latest technology.</p>	<p>PC.1 Discuss upper components (upper, lining, reinforcement). PC.2 Different Materials used in footwear upper making man-made materials, leather (basic characteristics), PC.3 Identify Hand cutting and related tools and equipment. PC.4 Discuss Machine cutting and related equipment and dies. PC.5 Illustrate various material waste and causes. PC.6 Define Pattern layout on plain materials, Pattern layout on patterned materials and Pattern layout on fabric materials. PC.7 Discuss Characteristics of leather from the view point of the upper cutting. PC.8 Brief leather material quality variations in relation to different parts of the skin/ hide (stretch - resistance - color - grain - texture). PC.10 List upper components specific quality requirement {vamp - quarters – inside-outside etc.)</p> <ul style="list-style-type: none"> <li>➤ To understand defects marking up.</li> <li>➤ Identify leather grading, Leather sorting, Leather store and storage.</li> <li>➤ Discuss Hand cutting pattern storage, Size making (figure and codes).</li> <li>➤ Importance of rational and economic cutting as required to product cost.</li> <li>➤ Describe economic aspect of hand clicking as compared with press clicking.</li> <li>➤ Importance of light in the clicking room.</li> <li>➤ Apply Quality control applied for upper clicking.</li> </ul> <p>PC 11: Discuss Safety precautions applied to upper clicking</p> <ul style="list-style-type: none"> <li>➤ Identify correct storage of leather.</li> <li>➤ List of fabrics in general use for linings and the cutting system need.a. Press cutting equipment b. Compare swing beam and traveling head presses c. Other cutting method, Laser, water jet, reciprocating knife. d. Types of knife comparisons</li> </ul> <p>PC12: Discuss Cutting allowance and clicking cost sheet.</p>	-	100	-	-
<p><b>NOS/ Module- Basic Closing Technology</b> To supervise the production process in closing department and knowledge about different constructions and latest machines.</p>	<p>PC: 1 Discuss basic types and specialist stitching machines. PC: 2 Elaborate operational sequence for Skiving, backing, stitch marking, perforation, folding and ancillary machinery like for basic styles. PC: 3 Different methods of upper reinforcements, edge and decorative treatments. Various types of seams. Welding treatment for upper assembly, decoration and ornaments. PC: 4 Classification of Needles and threads: Types, sizes, selection, classification, relationship, application to Work. PC: 5 Identify Automatic and semi-automatic equipment for upper processing. PC: 6 Discuss Upper shaping by forming equipment/blocking machine</p>	100	100	-	-

	<p>PC: 7 Plan departmental management of work loading like types and advantages of transporter systems, Random and final inspection.</p> <p><b>PC: 8 Closing Practical:</b></p> <ul style="list-style-type: none"> <li>➤ Discuss different types of stitching and Non-stitching machine available.</li> <li>➤ Various techniques of handcrafts and the use of Machines for similar operations, use and in the use of adjustments necessary to functional efficiency.</li> <li>➤ Practice making of "basic styles of men's and women's footwear"</li> </ul>				
<p><b>NOS/ Module-</b></p> <p><b>Basic Lasting &amp; Making Technology</b> To supervise the production process of different construction in lasting/bottom department using latest technology.</p>	<p>PC: 1 Types and uses of toe-puffs and stiffeners. Identification of methods of attachments.</p> <p>PC: 2 Methods of conditioning uppers and components.</p> <p>PC: 3 Apply Lasting principles and methods of application. Plan Lasting and bottoming systems for different types of construction in general use.</p> <p>PC: 4 Perform Heeling processes, including heel building and heel finishing, covering Systems and methods of heel attachment.</p> <p>PC: 5 Various Systems of transportation and track management. Discuss combined lasting system.</p> <p>PC: 6 Discuss theory and practice of head setting - moist and dry head effects on. Materials and adhesive</p> <p>PC: 7 Use of hot-melt adhesive in lasting and bottoming. Discuss Lasting faults and effects upon subsequent operations.</p> <p><b>Bottoming:</b></p> <p>PC: 8 List correct techniques for sole attachment. Elaborate Composition, characteristics and uses of insole and soling materials for different constructions.</p> <p>PC: 9 Discuss Machine cutting direct/caster and planet, rounding operations. Plan preparation of cut stock and bottom components including pre finishing and assembly of pre-fabricated and Louis heel bottom units</p> <p>PC: 10 Assembly and storage of lasts and components. Discuss Standardization of components.</p> <p>PC:11 Practice Multiple thicknesses cutting of components</p> <p>PC: 12 Identify Pre-molded shank, insole assemblies. Use confirming equipment's.</p> <p>PC: 13 Practice Departmental management. Plan Control of components and raw materials, Fitting up to ticket requirements.</p> <p><b>Finishing :</b></p> <p>PC: 14 Procedure and processes for various soling and heating materials and units. Practice methods of attaching Top- piecing and types and characteristics of material available.</p> <p>PC: 15 Discuss objective and methods of finishing - types and functions of machines and equipment used. Finishing processes for both leather and non-leather soles and heels. Effects of faults in preceding operations on the finishing processes. Selection of appropriate processes.</p> <p>PC: 16 Comparisons between various finishing systems - pre - finishing vs finishing on the shoe. Cutters, irons, adhesives, inks, stains, waxes and finishes used. Decorative treatments and rending.</p>	-	100	-	-

	<p>Discuss Statutory requirements concerning general, fire; mechanical and electrical safe working conditions will be emphasized.</p> <p><b>Shoe Rooming :</b>                  PC: 17 Analyze functions and processes of the shoe room, their importance to sales appeal. Shoe room operations and techniques - socking, cleaning, repairing, dressing, top spraying, trim attaching, quarter reforming, irons, inspection procedures, boxing etc., for leather and non - leather materials. Machine adjustments.                  PC: 18 Discuss Fault identification, diagnoses of cause and defects in work. Applications of, decorative treatments, e.g. antique, shadow spray etc. final examination and inspection procedures - quality control packing and presentation techniques" storage of boxed footwear to prevent ageing".                  PC: 19 Recognize statutory requirements: general, fire, mechanical and electrical safe working conditions in relation to the above.</p>				
<p><b>NOS/ Module- Quality Control</b>                  To understand the concept of Quality control and various check points in different section of footwear production.</p>	<p>PC.1 Meaning of Quality , Different Point of Views of Quality                  PC.2 Total Quality Control of Footwear , Specification,                  PC.3 Quality Control in clicking Section, Various Check Points –</p> <ul style="list-style-type: none"> <li>➤ Checking of Dies with the pattern supplies</li> <li>➤ Clicking to inspects &amp; Mark the size, lot no, on each clicked components.</li> <li>➤ Clicked components are finally inspected by quality controllers/ supervise</li> </ul> <p>PC.4 Quality Control in Closing Section</p> <ul style="list-style-type: none"> <li>➤ Sample of each operation is hanged on the machines.</li> <li>➤ Strictly follow buyer’s customer’s specification.</li> <li>➤ In process inspection by the supervisor and group leader.</li> <li>➤ Final inspection by the quality controller.</li> </ul> <p>PC.5 Quality control in bottom and finishing section.</p> <ul style="list-style-type: none"> <li>➤ In process inspection by supervisors.</li> <li>➤ Proper handling of lasted upper in various process/ Operation.</li> <li>➤ If any fault found in the initial stage, sent back for rework.</li> <li>➤ Final inspection by quality control.</li> </ul>	100	-	-	-
<p><b>NOS/ Module- Employability skills</b>                  To understand of basic skills of Employability and concept of Entrepreneurship</p>	<p>PC.1 Explain the major applications of MS Office                  PC.2 Explain the different types of e-commerce                  PC.3 List the benefits of e-commerce for retailers and customers                  PC.4 Discuss how the Digital India campaign will help boost e-commerce in India</p>	100	-	-	-

PC.5	Write applications pertaining to various matters.				
PC.6	Explain power of positive attitude and Importance of commitment				
PC.7	Explain motivation and the Ways to motivate oneself and Personal goal setting				
PC.8	Explain the Effective & Level of Communication				
PC.9	Explain communication and Significance of technical communication?				
PC.10	Explain the methods of listening Skills.				
PC.11	Explain the differences between bio-data, CV and Resume.				
PC.12	Explain verbal and non-verbal Communication				
PC.13	Explain how to face an interview.				
PC.14	Explain team work, group work, team formation process				
PC.15	How to Minimize the team conflicts				
PC.16	Explain Ethics & values				
PC.17	Explain the concept of entrepreneurship, and entrepreneurship v/s Management				
PC.18	Explain the process of project report preparation for setting up a new business				
PC.19	Explain the role of various schemes and institute for self- employment i.e MSME, DIC, NSIC, SIDBI etc,				
PC.20	Role of financial institution to support startup				
PC.21	Discuss the importance of saving money				
PC.22	Discuss the main types of bank accounts				
PC.23	Differentiate between fixed and variable costs				
PC.24	Describe the different types of insurance products				
PC.25	Discuss the main types of electronic funds transfers				



## Annexure VII: 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 are assigned to the MSME NSQF Assessment Agency via email for the assessment.
- MSME NSQF Assessment Agency sends the assessment confirmation to respective TC.
- MSME NSQF Assessment Agency deploys the certified Assessor for executing the assessment at respective TC via online / offline mode.
- MSME NSQF Assessment Agency & respective TC Internal Assessment cell monitors the assessment process & records.

### 2. Testing Environment:

- MSME NSQF Assessment Agency confirms the Assessment location, date and time
- For number of candidates more than 30 separate assessors are assigned for the assessment.
- MSME NSQF Assessment Agency & respective assessor confirms that the allotted time to the candidates to complete Theory & Practical Assessment is correct.

### 3. Assessment Quality Assurance levels/Framework:

- Each TC Submits the Question Bank for the individual subject Theory & Practice separately, submits to MSME NSQF Assessment Agency and it is verified by the MSME NSQF Assessment Agency Committee members.
- Questions are mapped to the specified assessment criteria
- All the assessors & Trainers are well qualified & trained to carry out the specified task.

### 4. Types of evidence or evidence-gathering protocol:

- Online Link is send by MSME NSQF Assessment Agency to respective TC & Assessor. Reporting of the assessor from assessment location is verified by the MSME NSQF Assessment Agency through the online Meeting Link. Students are also required to join for the online link for verification by the MSME NSQF Assessment Agency.
- Assessment Photographs are shared with the MSME NSQF Assessment Agency & are also with the respective TC.

### 5. Method of verification or validation:

- Online Link is send by MSME NSQF Assessment Agency to respective TC & Assessor. Reporting of the assessor from assessment location is verified by the MSME NSQF Assessment Agency through the online Meeting Link. Students are also required to join for the online link for verification by the MSME NSQF Assessment Agency.

### 6. Method for assessment documentation, archiving, and access:

- The Assessment records are shared with MSME NSQF Assessment Agency & also stored at respective TC.

- Assessor fills the assessment report and shares with the MSME NSQF Assessment Agency.

**On the Job Training:**

- Each module will be assessed separately.
- The candidate must score 60% marks to successfully complete the OJT.
- Learner will be assessed on the basis of OJT report followed by Viva
- Assessment will ensure that the Learner is able to:
  - ✓ Effective engagement with the customers / Subordinates and team
  - ✓ Understand the working of various tools and equipment
  - ✓ Understand the working environment of the industry

## Annexure VIII: Acronym and Glossary

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>

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