

**CURRICULUM FOR**

**THE TRADE OF**

**LINE SUPERVISOR**  
**(FOOTWEAR)**

**UNDER**

**APPRENTICESHIP TRAINING SCHEME (ATS)**

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## **BACKGROUND**

- **Apprenticeship Training Scheme under Apprentice Act 1961**

The Apprentices Act enacted in 1961 with the objective of regulating the program of training of apprentices in the industry by utilizing the facilities available therein for imparting on-the-job training. The Act makes it obligatory for employers in specified industries to engage apprentices in designated trades and in optional trades to impart Apprenticeship Training on the job in industry to school leavers, graduates/ diploma and person having National Trade Certificate (ITI pass-outs) issued by National Council for Vocational Training (NCVT) to develop skilled manpower for the industry. There are five categories of apprentices namely; trade apprentice, graduate, technician, technician (vocational) apprentices and optional trade apprentice.

Qualifications and period of apprenticeship training of trade apprentices and optional trade apprentices vary from trade to trade. The apprenticeship training for trade apprentices and optional trade apprentices consists of basic training followed by practical training. At the end of the training, the apprentices are required to appear in a trade test conducted by NCVT and those successful in the trade tests are awarded the National Apprenticeship Certificate.

- **Changes in Industrial Scenario**

Recently we have seen huge changes in the Indian industry. The Indian Industry registered an impressive growth during the last decade and half. The number of industries in India have increased manifold in the last fifteen years especially in services and manufacturing sectors. It has been realized that India would become a prosperous and a modern state by raising skill levels, including by engaging a larger proportion of apprentices, will be critical to success; as will stronger collaboration between industry and the trainees to ensure the supply of skilled workforce and drive development through employment. Various initiatives to build up an adequate infrastructure for rapid industrialization and improve the industrial scenario in India have been taken.

- **Reformation**

The Apprentices Act, 1961 has been amended and brought into effect from 22<sup>nd</sup> December 2014 to make it more responsive to industry and youth. Key amendments are as given below:

- Prescription of number of apprentices to be engaged at establishment level instead of trade-wise.
- Establishment can also engage apprentices in optional trades which are not designated, with the discretion of entry level qualification and syllabus.
- Scope has been extended also to non-engineering occupations.
- Establishments have been permitted to outsource basic training in an institute of their choice.
- The burden of compliance on industry has been reduced significantly.

## **RATIONALE**

### Need for Apprenticeship in trade for Stitching Operator (Footwear)

Need for executives with sound knowledge to ensure the smooth functioning of the production line so as to meet the production targets as per specifications and quality standards. It is realized that any executive getting into supervision role should have direct exposure to at least one of the footwear manufacturing department, so that he will be able to acquire the knowledge and skills required for this job role. Once the candidates become proficient in one of the footwear manufacturing departments, they can acquire knowledge and skills pertaining to the role identified as part of career progression. Hence, the combination of Stitching Operator – Footwear (PMKVY role) and Line supervisor – Footwear is taken up to ensure supply of job ready Line Supervisor to the industry.

## **JOB ROLE: Description**

### **PMKVY Role**

A Stitching Operator-Footwear performs stitching operations to the upper components of the footwear as per the design instructions given by the designing section. He/ She should be able to stitch the footwear with leather and non-leather components, using maximum accuracy. He/she should be passionate about creating intricate products without compromising on quality.

In addition to the above, Stitching Operator (Footwear) possess good hand-eye coordination, motor skills and vision (including near vision, distance vision, colour vision, peripheral vision, depth perception and ability to change focus). He/ She should be inclined towards creativity and interested in mixing materials, textures and threads to create beautiful products.

### **Role identified as per career progression**

A Line Supervisor (Footwear) is responsible for the smooth running of the production line. He also needs to ensure that the production targets are met and quality standards are as per specifications.

In addition to the above, Line Supervisor needs to be able to manage a team and effectively utilize them for meeting targets. He needs to be observant and have an attention for detail. Good team management and communication skills are helpful.

## GENERAL INFORMATION


1. Name of the Trade : LINE SUPERVISOR (FOOTWEAR)
2. Duration of Apprenticeship Training : 500Hrs+40Hrs=540 Hrs &  
(Basic Training & Practical Training) 1440 Hrs
3. Duration of Basic Training : Block–I: 500 Hrs + 40 Hrs Employability &  
Entrepreneurship  
Total duration of Basic Training : 540 Hrs (Additionally, 20 Hrs Digital  
Literacy inputs given in online mode)
4. Duration of Practical Training : Block–II: 1440 HRS, i.e. 36 weeks or 9  
(On-job Training) months
5. Entry Qualification : Passed 10<sup>th</sup> class
6. Selection of Apprentices : The apprentices will be selected as per  
Apprenticeship Act amended time to time
7. Rebate for ITI passed trainees : N.A.

*Note: Industry may impart training as per above time schedule, however this is not fixed. The industry may adjust the duration of training considering the fact that all the components under the syllabus must be covered. However, the flexibility should be given keeping in view that no safety aspect is compromised and duration of industry training to be remain as 1 year*

## COURSE STRUCTURE

Training duration details: -

<b>Time (in hours) Recommended Duration</b>	<b>540 hours</b>	<b>1440 hours 36 weeks (9 months)</b>
<b>Basic Training</b>	<b>Block- I</b>	<b>-----</b>
<b>Practical Training (On-job training)</b>	<b>-----</b>	<b>Block- II</b>

<b>Components of Training</b>	<b>Months</b>											
	1	2	3	4	5	6	7	8	9	10	11	12
<b>Basic Training Block - I</b>												
<b>Practical Training Block - II</b>												



# CURRICULUM

## BASIC TRAINING

### **(BLOCK – I)**

**DURATION: 500 hrs+40 hrs (Employability and Entrepreneurship Training) = 540 hrs** (Additionally, 20 Hrs Digital Literacy inputs given in online mode)

**Total duration of Basic Training: 540 Hrs**

### **GENERAL INFORMATION**

1. **Name of Trade** : Stitching Operator (Footwear)
2. **Hours of Instruction** : 500 Hrs+40 Hrs=540 Hrs.
3. **Batchsize** : 30
4. **Power Norms** : 6 KW for Workshop
4. **Space Norms** : 10 (x20=200sq) feet
5. **Examination** : The internal assessment will be held on the completion of Block-I.
6. **Instructor Qualification** :

Trainer pre-requisites for job role: **Stitching Operator (Footwear)**

Sr. No.	Area	Details
1	<b>Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack "LSS/Q2501, Version 1.0"
2	<b>Personal Attributes</b>	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	<b>Minimum Educational Qualifications</b>	Diploma or B - tech in Leather footwear technology
4a	<b>Domain Certification</b>	Certified for Job Role: Stitching Operator (Footwear) mapped to QP: "LSS/Q2501, v1.0". ". Minimum accepted score as per SSC guidelines is 80% on the SSC prescribed online theory assessment test based on an industry validated question bank.
4b	<b>Platform Certification</b>	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "SSC/1402". Minimum accepted score for the trainer is 80% as per SSC guidelines.
5	<b>Experience</b>	Minimum 6 years site experience with Stitching Operator Level-4 qualified

## Basic Training: Stitching Operator (Footwear) – LSS/Q2501

### MODEL CURRICULUM

This program is aimed at training candidates for the job of a “Stitching Operator (Footwear)”, in the “Leather” Sector/ Industry and aims at building the following key competencies amongst the learner

Program Name	Stitching Operator (Footwear)		
Qualification Pack Name & Reference ID	Stitching Operator (Footwear) LSS/Q2501, V1.0		
Version No.	1.0	Version Update Date	04-05-2017
Pre-requisites to Training	Class V with 2-3 Years prior experience as helper in footwear manufacturing.		
Training Outcomes	<p><b>After completing this programme, participants will be able to:</b></p> <ul style="list-style-type: none"><li>• <b>Gain familiarity with the stitching trade:</b> Gain knowledge on over view of leather Industry/ generic skills and avail familiarity with stitching trade. General introduction to trade, leather manufacturing process, and role of a stitcher in leather industry.</li><li>• <b>Become well versed with environment, health &amp; safety:</b> Well versed with health and safety measures in terms of personal safety and equipment safety relevant to stitching occupation.</li><li>• <b>Carry out stitching operation using different machines:</b> Effectively identify, select the right sewing machine, needles, threads and bobbins for carrying out stitching operation.</li><li>• <b>Achieve product quality in stitching operation:</b> Conduct a visual inspection on all aspects of the stitching process.</li><li>• <b>Maintain the work area, tools and machines:</b> Organise/maintain work areas and activities to ensure tools and machines are maintained as per norms.</li><li>• <b>Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures:</b> Follow policies and procedures within the work practices.</li></ul>		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<b>Overview on Leather Industry and Generic Skills</b>  <b>Theory Duration</b> (hh:mm) 12:00  <b>Practical Duration</b> (hh:mm) 10:00  <b>Corresponding NOS Code</b> Core skills/ Generic skills and Professional skills collated from all the NOS of the QP	<ul style="list-style-type: none"> <li>Discuss the leather industry, stitching operation in footwear sector and generic skills</li> <li>Explain importance of leather industry and describe leather manufacturing process</li> <li>Explain general hazards or risk that can lead to accidents</li> <li>Follow basic safety, health and hygiene measures</li> <li>Wear and use PPE for safety</li> <li>Carry out communication effectively with co-workers in writing as well as orally</li> <li>Read the documents that are necessary for them to read to carry out operator's task</li> </ul>	Chairs, Trainers desk and computer, Student table, Projector, White projector screen, White board, Flip chart display stand, Safety hazard signs, Newspaper, Stationery, PPE set
2	<b>Carry-out Stitching Operations Using Different Machines</b>  <b>Theory Duration</b> (hh:mm) 21:00  <b>Practical Duration</b> (hh:mm) 363:00  <b>Corresponding NOS Code</b> LSS/N 2501	<ul style="list-style-type: none"> <li>Select the correct machine and equipment to be used and keep them in readiness</li> <li>Report defective machines, tools and equipment to the supervisor</li> <li>Select the right sewing machine, threads, needles and bobbins for the materials as per the specifications in the job card</li> <li>Set machine controls for the materials being stitched</li> <li>Check the upper components and conduct shade wise pairing</li> <li>Stitch the correct materials in the right sequence as required by the production specification/ sample</li> <li>Perform back joining/quarter back joining using zigzag machine/flatbed machine</li> <li>Sort and place work to the next stage of production and minimize the risk of damage</li> <li>Carry out basic maintenance of machinery and keep them clean after use</li> <li>Complete forms, records and other documentation</li> </ul>	Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine, Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet, Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes
3	<b>Contribute to Achieving Product Quality in Stitching Processes</b>  <b>Theory Duration</b> (hh:mm) 02:00  <b>Practical Duration</b> (hh:mm) 30:00  <b>Corresponding NOS Code</b>	<ul style="list-style-type: none"> <li>Check the upper components are paired shade wise as per the specifications in the job card</li> <li>Check that the stitching is done properly as per the design specifications and no damage happens to the appearance and quality</li> <li>Maintain the continuity of production with minimum interruptions and downtime</li> <li>Carry out quality checks at specified intervals according to instructions/ sample</li> <li>Identify faults and take appropriate action for rectification</li> <li>Ensure less wastage and their proper disposal</li> </ul>	Sample leather defects materials, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	LSS/N 2502		
4	<b>Maintain the Work Area, Tools and Machines</b>  <b>Theory Duration</b> (hh:mm) 4:00  <b>Practical Duration</b> (hh:mm) 20:00  <b>Corresponding NOS Code</b> LSS/N8501	<ul style="list-style-type: none"> <li>• Ensure housekeeping and safety</li> <li>• Maintain workplace, tools and equipment</li> </ul>	Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, Broom
5	<b>Maintain Health, Safety and Security Requirements at Workplace</b>  <b>Theory Duration</b> (hh:mm) 10:00  <b>Practical Duration</b> (hh:mm) 25:00  <b>Corresponding NOS Code</b> LSS/N8601	<ul style="list-style-type: none"> <li>• Identify and correct malfunctions in machinery and equipment</li> <li>• Minimize health and safety risks to self and others due to own actions</li> <li>• Monitor the workplace and work processes for potential risks and threats</li> <li>• Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned</li> <li>• Undertake first aid, fire-fighting and emergency response training, if asked to do so</li> <li>• Take action based on instructions in the event of fire, emergencies or accidents</li> <li>• Follow organisation procedures for shutdown and evacuation when required</li> </ul>	First aid kit, Fire extinguisher, PPE Set
6	<b>Comply with Industry, Regulatory and Ethical Requirements</b>  <b>Theory Duration</b> (hh:mm) 01:00  <b>Practical Duration</b> (hh:mm) 02:00  <b>Corresponding NOS Code</b> LSS/N8701	<ul style="list-style-type: none"> <li>• Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures</li> <li>• Apply and follow policies and procedures within your work practices</li> <li>• Identify and report any possible deviation to ethical requirements</li> </ul>	Sample legal documents
	<b>Total Duration</b>  <b>Theory Duration</b> <b>50:00</b>  <b>Practical Duration</b> <b>450:00</b>	<b>Unique Equipment Required:</b> Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine, Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet, Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes, Sample leather defects material, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop,	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		Dust bin, broom, First aid kit, Fire Extinguisher and Sample legal documents.	

Grand Total Course Duration: 500 Hours, 0 Minutes

#### ASSESSMENT CRITERIA

<b>Assessment Criteria</b>	
<b>Job Role</b>	<b>Stitching Operator (Footwear)</b>
<b>Qualification Pack</b>	<b>LSS/Q2501, V1.0</b>
<b>Sector Skill Council</b>	<b>Leather</b>

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each qualification pack will be created by the sector skill council. Each performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2	The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on these criteria
5	To pass the Qualification Pack, every candidate should score a minimum 50% of aggregate marks to successfully clear the assessment
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Practical Skills
<b>1. LSS/N2501: Carry out stitching operation using different machines</b>	PC1. Follow the instructions on the work ticket/ job card	<b>100</b>	2	0	2
	PC2. Make sure that the work area is free from hazards		2	0	2
	PC3. Ensure the materials used meet the specification matching <ul style="list-style-type: none"> <li>• within a product</li> <li>• between a pair of products where applicable</li> </ul>		2	0	2
	PC4. Agree and review agreed upon work targets with the supervisor		2	0	2
	PC5. Sort out the material and threads as per the specifications in the job card		7	5	2
	PC6. Select the right sewing machine, threads and bobbins for the materials as per the specifications in the job card		2	0	2
	PC7. Check the equipment prior to making the stitching, including: <ul style="list-style-type: none"> <li>• Correct controls</li> <li>• Correct attachments</li> <li>• Changing needles</li> <li>• Changing threads</li> <li>• Changing awls</li> <li>• Correct Timing</li> </ul>		2	0	2
	PC8. Set machine controls for the materials being stitched		2	0	2
	PC9. Perform a test run to ensure machine is operating correctly		7	5	2
	PC10. Adjust machine controls where necessary		2	0	2
	PC11. Operate machines safely and in accordance with guidelines		12	10	2
	PC12. Estimate the expected length of time for the process		2	0	2
	PC13. Optimize the positioning and layout of materials to ensure a smooth and rapid throughput		2	0	2
	PC14. Adjust the tension and stitch length		2	0	2
	PC15. Check the upper components and conduct shade wise pairing		2	0	2
	PC16. Stitch the correct materials in the right sequence as required by the production specification		2	0	2
	PC17. Perform back joining/quarter back joining using zigzag machine/flat bed machine		2	0	2
	PC18. Perform seam rubbing by machine if back joining done by flat bed machine		2	0	2
	PC1. Check the upper components and conduct shade wise pairing		2	0	2

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Practical Skills
	PC19. Attach vamp with tongue using flat bed machine		2	0	2
	PC20. Apply adhesives on the components		1	0	1
	PC21. Fold the components by hand/machine		2	0	2
	PC22. Join upper and lining using flat/post bed machine		2	0	2
	PC23. Join quarter with vamp using post bed machine		1	0	1
	PC24. Perform edge trimming operation by machine/hand		7	5	2
	PC25. Perform eyeleting by machine/hand		2	0	2
	PC26. Perform eyelet punching, eyelet putting and eyelet setting by hand		2	0	2
	PC27. Do lacing on the uppers		1	0	1
	PC28. Visual inspection as per specifications in the job card		1	0	1
	PC29. Respond accordingly where stitched items do not meet production specification		1	0	1
	PC30. Carry out basic maintenance of machinery and keep them clean after use		1	0	1
	PC31. Report risks/ problems likely to affect services to the relevant person promptly and accurately		2	0	2
	PC32. Complete forms, records and other documentation		2	0	2
	PC33. Follow company reporting procedures about defective tools and machines which affect work and report risks/ problems likely to affect services to the relevant person promptly and accurately		7	5	2
	PC34. Report defective machines, tools and/or equipment to the responsible person		2	0	2
	PC35. Sort and place work to the next stage of production and minimise the risk of damage		3	0	3
	PC36. Pass the stitched item to the next stage in the manufacturing process after validation		3	0	3
	<b>Total</b>		<b>100</b>	<b>30</b>	<b>70</b>
<b>2. LSS/N2502: Contribute to achieving product quality in stitching operation</b>	PC1. Ensure materials and component parts meet specifications	<b>50</b>	1	0	1
	PC2. Ensure that the quality and appearance of the uppers are not affected during materials movement		6	5	1
	PC3. Ensure the quality of the product meets specification during production		11	10	1
	PC4. Maintain the required productivity and quality levels		1	0	1
	PC5. Carry out quality checks at agreed intervals and in the approved way		1	0	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Practical Skills
	PC6. Count and verify the number of uppers are as per job card at the start and end of every stage in the stitching processes		11	10	1
	PC7. Check the upper components are paired shade wise as per the specifications in the job card		1	0	1
	PC8. Check that the stitching is done properly as per the design specifications and no damage happens to the appearance and quality		0.5	0	0.5
	PC9. Check that no spillage of adhesives appear on the uppers		0.5	0	0.5
	PC10. Check that the folding is done properly		1	0	1
	PC11. Check the edge trimming, putting of eyelets and lacing are done correctly		0.5	0	0.5
	PC12. Conduct a visual inspection on all aspects of the stitching process		0.5	0	0.5
	PC13. Maintain the continuity of production with minimum interruptions and downtime		1	0	1
	PC14. Ensure minimum of wastage and their proper disposal		7	6	1
	PC15. Identify causes of faults and take action to rectify the same to maintain product quality		2.5	2	0.5
	PC16. Follow reporting procedures where the cause of faults cannot be identified		1	0	1
	PC17. Pass the stitched uppers with support of the assistant operator for next process		2.5	2	0.5
	PC18. Leave work area safe and secure when work is complete		1	0	1
	<b>Total</b>		<b>50</b>	<b>35</b>	<b>15</b>
<b>3. LSS/N8501: Maintain the work area, tools and machines</b>	PC1. Handle materials, machinery, equipment and tools safely and correctly	<b>50</b>	2	0	2
	PC2. Use correct lifting and handling procedures		2	0	2
	PC3. Use materials to minimize waste		3	0	3
	PC4. Prepare and organize work		2	0	2
	PC5. Maintain a clean and hazard free working area		3	0	3
	PC6. Deal with work interruptions		2	0	2
	PC7. Move around the workplace with care		3	0	3
	PC8. Maintain tools and equipment		3	0	3
	PC9. Carry out running maintenance within agreed schedules		4	2	2
	PC10. Carry out maintenance and/or cleaning outside responsibility		2	1	1
	PC11. Report unsafe equipment and other dangerous occurrences		3	2	1
	PC12. Ensure that the correct machine guards are in place		1	0	1
	PC13. Work in a comfortable position with the correct posture		2	1	1



Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Practical Skills
	PC14. Use cleaning equipment and methods appropriate for the work to be carried out		3	2	1
	PC15. Dispose of waste safely in the designated location		3	2	1
	PC16. Store cleaning equipment safely after use		2	1	1
	PC17. Complete and store accurate records and documentation		2	1	1
	PC18. Maintain proper lighting, ventilation to make sure general comfort is there while working		2	1	1
	PC19. Give inputs and assist in completing documentation		1	0	1
	PC20. Report the need for maintenance and/or cleaning outside your area of responsibility		1	0	1
	PC21. Ensure safe and correct handling of materials, equipment and tools		2	1	1
	PC22. Maintain appropriate environment to protect stock from pilfering, theft, damage and deterioration		2	1	1
	<b>Total</b>		<b>50</b>	<b>15</b>	<b>35</b>
<b>4. LSS/N8601: Maintain health, safety and security at workplace</b>	PC1. Comply with health and safety related instructions applicable to the workplace	<b>25</b>	1	0	1
	PC2. Use and maintain personal protective equipment as per protocol		1	0	1
	PC3. Carry out own activities in line with approved guidelines and procedures		1	0	1
	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants		0.5	0	0.5
	PC5. Follow environment management system related procedures		6	5	1
	PC6. Identify and correct (if possible) malfunctions in machinery and equipment		1	0	1
	PC7. Report any service malfunctions that cannot be rectified		1	0	1
	PC8. Store materials and equipment in line with manufacturer's and organizational requirements		0.5	0	0.5
	PC9. Safely handle and move waste and debris		1	0	1
	PC10. Minimize health and safety risks to self and others due to own actions		1	0	1
	PC11. Seek clarifications, from supervisors or other authorized personnel in case of perceived risks		1	0	1
	PC12. Monitor the workplace and work processes for potential risks and threats		1	0	1
	PC13. Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		0.5	0	0.5

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Practical Skills
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		5.5	5	0.5
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		0.5	0	0.5
	PC16. Undertake first aid, fire-fighting and emergency response training, if asked to do so		1	0	1
	PC17. Take action based on instructions in the event of fire, emergencies or accidents		0.5	0	0.5
	PC18. Follow organization procedures for shutdown and evacuation when required		1	0	1
	<b>Total</b>		<b>25</b>	<b>10</b>	<b>15</b>
<b>5. LSS/N8701: Comply with industry, regulatory and organizational requirements</b>	PC1. Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures	<b>25</b>	10	5	5
	PC2. Seek and obtain clarifications on policies and procedures, from the supervisor or other authorized personnel		3	0	3
	PC3. Apply and follow these policies and procedures within the work practices		2	0	2
	PC4. Provide support to the supervisor and team members in enforcing these considerations		7	5	2
	PC5. Identify and report any possible deviation to these requirements		3	0	3
	<b>Total</b>		<b>25</b>	<b>10</b>	<b>15</b>
	<b>Grand Total</b>	<b>250</b>	<b>250</b>	<b>100</b>	<b>150</b>
	<b>Percentage weightage:</b>			<b>40%</b>	<b>60%</b>
	<b>Minimum pass % to qualify (aggregate)</b>			<b>50%</b>	

## EQUIPMENT LIST

### STITCHING OPERATOR (FOOTWEAR) – LSS/Q2501

Sr. No	SSC	QP Code	Name of the QP	NSQF Level	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/ Specification/ Description of the Equipment/ ANY OTHER REMARK
1	LSSC	LSS/Q2501	Stitching Operator(Footwear )	4	Flat Bed Stitching machine	2	Nos	Yes	Speed: 4,000 Needle Use: DBX1 22# Weight: 38/42 kg Measurement: 58×24.5×54(cm) CBM: 0.077 (m3)
2	LSSC	LSS/Q2501	Stitching Operator(Footwear )	4	Post Bed Stitching machine	2	Nos	Yes	Max. Sewing Speed: 800rpm Max. Sewing Thickness: 13mm Stitch Length: 0-5mm Power: 250W
3	LSSC	LSS/Q2501	Stitching Operator(Footwear )	4	Cylinder Bed Stitching machine	2	Nos	Yes	Max. sewing speed:2,000sti/min Max. stitch length:6mm
4	LSSC	LSS/Q2501	Stitching Operator(Footwear )	4	Zig zag stitching machine	2	Nos	Yes	Maximum sewing speed:800 RPM Stitch length :0 – 6 mm Stitch width : 5 mm
5	LSSC	LSS/Q2501	Stitching Operator(Footwear )	4	Scissors	10	Nos	Yes	150mm and 300mm
6	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Steel rule	2	Nos	Yes	Stainless Steel 6" - 15 NOS & 12 "
7	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Hand clicking knife	5	Nos	Yes	Stainless Steel
8	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Stitching awl	5	Nos	Yes	Length: 2.4 inches
9	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Stitch maker	5	Nos	Yes	Stainless steel

10	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Spring divider	5	Nos	Yes	Height: 203mm Span Size: 152 mm Construction Material: Carbon steel
11	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Khurpi	5	Nos	Yes	SKD11 (D2) steel
12	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Indenting scissors	10	Nos	Yes	Stainless steel
13	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Pricking awl	5	Nos	Yes	1.5 x 3 mm
14	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Lasting pincers	5	Nos	Yes	Stainless steel
15	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Channel opener	5	Nos	Yes	Material: Wood / Steel Overall Length: (approx.) 138mm / 5.43" Adjustable Groover Width: from 1.5-20mm 3 Replace Edge Beveler Tips width: 0.8mm / 1.0mm / 1.2mm
16	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Welt knife	5	Nos	Yes	Cold steel
17	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Nail puller	5	Nos	Yes	Weight: 1.2 lbs, 0.54 kilos Overall length: 11"/279mm Stock size: 5/8"/16mm
18	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Manchester nippers	5	Nos	Yes	Cutting Edge: 1-5/16 In. Cutting Edge Length: 1-5/16 In. Length: 6 In. Overall Length: 6 In.
19	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Spring divider	5	Nos	Yes	Range (In.): 6 Nut type: Solid
20	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Needles	5	Nos	Yes	Size no: 2
21	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Sample leather pieces	10	Nos	Yes	NA
22	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Wooden mallet	5	Nos	Yes	Material: Wood
23	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Shoe hammer	5	Nos	Yes	The large, nearly flat face and a longer neck and tail help you reach into small areas

24	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Edge setting iron	5	Nos	Yes	Size;18
25	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Heel iron	5	Nos	Yes	Standard
26	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Thread	5	Nos	Yes	Colour:White,Black ,Brown
27	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Dendrite paste	5	Nos	Yes	Tube
28	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Pasting brushes	5	Nos	Yes	Standard
29	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Sample leather defects material	10	Nos	Yes	NA
30	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Gloves	5 pairs	Nos	Yes	Standard
31	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Helmet	5 pairs	Nos	Yes	Standard
32	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Safety shoe	5 pairs	Nos	Yes	Standard
33	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Ear plug	5 pairs	Nos	Yes	Standard
34	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Apron	5 pairs	Nos	Yes	Standard
35	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Goggles	5 pairs	Nos	Yes	Standard
36	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Cleaning cloth	3	Nos	Yes	Standard
37	LSSC	LSS/Q2501	Stitching Operator (Footwear)	4	Cleaning materials	1 Kit	Nos	Yes	Standard
38	LSSC	LSS/Q2301	Stitching Operator (Footwear)	4	Leather thickness measuring gauge	1	Nos	No (Can be made available at OJT site)	Measuring Range: 0 to 10 mm Least count of dial gauge: 0.01 Diameter of anvil: 50 mm approximately Diameter of indenter: 10 mm Pressure on indenter: 100 gm/cm <sup>2</sup> Throat depth: 50 mm
39	LSSC	LSS/Q2301	Stitching Operator (Footwear)	4	Dry and wet mob	Each one	Nos	Yes	Long handle
40	LSSC	LSS/Q2301	Stitching Operator (Footwear)	4	Water Bucket	1	Nos	Yes	20 lts capacity
41	LSSC	LSS/Q2301	Stitching Operator (Footwear)	4	First aid kit	1	Nos	Yes	Standard

42	LSSC	LSS/Q2301	Stitching Operator (Footwear)	4	Fire Extinguishe r	1	Nos	Yes	ABC Type
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# EMPLOYABILITY AND ENTREPRENEURSHIP SKILLS

## MODEL CURRICULUM

Program Name	Employability and Entrepreneurship Skills		
Qualification Pack Name & Reference ID	ALL		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	NA		
Training Outcomes	<p><b>After completing this programme, participants will be able to:</b></p> <ul style="list-style-type: none"> <li>• <b>Identify personal strengths and value systems:</b> safe work habits, achievement motivation, time management, anger management, stress management.</li> <li>• <b>Recall important tenets of digital literacy:</b> fundamentals of computer terminology, parts of a computer and a keyboard, main applications of MS Office.</li> <li>• <b>Discuss the essentials of matters pertaining to money:</b> saving money, bank accounts, types of costs, investment options, insurance products, taxes.</li> <li>• <b>Prepare for employment and self-employment:</b> preparing for an interview, effective resume writing, basic workplace terminology.</li> <li>• <b>Illustrate the basics of entrepreneurship and identify new business opportunities:</b> effective leadership, effective speaking, effective listening, problem solving, business opportunities, types of entrepreneurs, entrepreneurial process and ecosystem, resilient entrepreneurs</li> </ul>		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<b>Introduction</b>  <b>Theory Duration</b> (hh:mm) 00:30  <b>Practical Duration</b> (hh:mm) 00:00	<ul style="list-style-type: none"> <li>Recognize the importance of general discipline in the class room (dos and don'ts)</li> <li>List expectations from the program</li> <li>Outline the objectives of the program</li> </ul>	Laptop, white board, marker, projector
2	<b>Personal Strengths and Value Systems</b>  <b>Theory Duration</b> (hh:mm) 04:00  <b>Practical Duration</b> (hh:mm) 04:00	<ul style="list-style-type: none"> <li>Identify common health issues and tips to prevent them</li> <li>Discuss critical safety habits to be followed by employees</li> <li>Understand motivation with the help of Maslow's Hierarchy of Needs</li> <li>List the characteristics of entrepreneurs with achievement motivation</li> <li>Discuss how to maintain a positive attitude</li> <li>Discuss the role of attitude in self- analysis</li> <li>List your strengths and weaknesses</li> <li>Describe the importance of honesty in entrepreneurs</li> <li>List the characteristics of highly creative and innovative people</li> <li>Discuss the benefits of time management</li> <li>List the traits of effective time managers</li> <li>Apply effective time management techniques</li> <li>Apply tips for anger management and stress management</li> </ul>	Workbook exercises on health standards, Laptop, activity on strengths and weaknesses, white board, marker, projector
3	<b>Digital Literacy: A Recap</b>  <b>Theory Duration</b> (hh:mm) 01:00  <b>Practical Duration</b> (hh:mm) 03:00	<ul style="list-style-type: none"> <li>Identify the basic parts of a computer and keyboard</li> <li>Recall basic computer terminology</li> <li>Identify the functions of basic computer keys</li> <li>Discuss the main applications of MS Office</li> <li>Discuss the benefits of Microsoft Outlook</li> <li>Identify the different types of e- commerce</li> <li>Explain the benefits of e-commerce for retailers and customers</li> <li>Discuss how the Digital India campaign will help boost e-commerce in India</li> <li>Describe how you will sell a product or service on an e-commerce platform</li> <li>Elaborate on the need for digital transactions</li> <li>Identify the modes of digital transactions</li> <li>Explain the uses of digital transactions</li> </ul>	Laptop, white board, marker, projector, CPU, Monitor, keyboard, mouse, MS Office software, E-Wallet soft wares such as PayTM, SBI buddy etc.
4	<b>Money Matters</b>  <b>Theory Duration</b> (hh:mm) 06:00  <b>Practical Duration</b> (hh:mm)	<ul style="list-style-type: none"> <li>Recognize the importance and benefits of saving money</li> <li>Discuss the main types of bank accounts</li> <li>Illustrate the process of opening a bank account</li> <li>Differentiate between fixed and variable costs</li> <li>Describe the main types of investment options</li> </ul>	Laptop, white board, marker, projector, Passport, Driving License, Voter ID card, PAN card, Aadhaar card, sample KYC



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	02:00	<ul style="list-style-type: none"> <li>Identify the different types of insurance products and types of taxes</li> <li>Discuss the uses of online banking</li> <li>Describe the main types of electronic funds transfers</li> </ul>	document, bank opening form (can be downloaded from the Internet)
5	<b>Preparing for Employment and Self-Employment</b>  <b>Theory Duration</b> (hh:mm) 02:00  <b>Practical Duration</b> (hh:mm) 04:00	<ul style="list-style-type: none"> <li>Follow the steps to prepare for an interview</li> <li>Create an effective Resume</li> <li>Identify the most frequently asked interview questions</li> <li>Discuss how to answer the most frequently asked interview questions</li> <li>Identify basic workplace terminology</li> </ul>	Laptop, white board, marker, projector, sample CVs, Mock interviews, role plays, role play briefs, FAQs, quiz on basic workplace technologies
6	<b>Entrepreneurship</b>  <b>Theory Duration</b> (hh:mm) 04:30  <b>Practical Duration</b> (hh:mm) 09:00	<ul style="list-style-type: none"> <li>Discuss the concept and significance of entrepreneurship and the characteristics of an entrepreneur</li> <li>List the qualities of an effective leader and the benefits of effective leadership</li> <li>List the traits of an effective team</li> <li>Apply techniques of effective listening</li> <li>Apply techniques of effective speaking</li> <li>Solve problems by identifying important problem-solving traits</li> <li>Discuss how to identify new business opportunities within your business</li> <li>Describe the different types of entrepreneurs</li> <li>State the characteristics of entrepreneurs</li> <li>Recall entrepreneur success stories</li> <li>Follow the entrepreneurial process and explain the entrepreneurship ecosystem</li> <li>Recognize the purpose of the Make in India campaign</li> <li>Identify key schemes to promote entrepreneurs</li> <li>Define the relationship between entrepreneurship and risk appetite and entrepreneurship and resilience</li> <li>Discuss the characteristics of a resilient entrepreneur</li> <li>Identify techniques of dealing effectively with failure</li> </ul>	Laptop, white board, marker, projector, SWOT activity: pen and paper individual exercise, charts, colored pens, Group Activity: poster making on entrepreneurship ecosystem. Activity: SMART Goal writing
	<b>Total Duration</b>  <b>Theory Duration</b> <b>18:00</b>  <b>Practical Duration</b> <b>22:00</b>	<b>Unique Equipment Required:</b> Laptop, white board, marker, projector.	

Grand Total Course Duration: **40 Hours, 0 Minutes**

*(This syllabus/ curriculum has been approved by National Skill Development Corporation)*

**PRACTICAL TRAINING (ON-JOB TRAINING)**  
**(BLOCK II)**

**DURATION: 1440 Hours**

**GENERAL INFORMATION**

1. **Name of the Trade** : Line Supervisor (Footwear)
2. **Duration of On-Job Training** : 1440 hours
3. **Batch size** : 30 (recommended)
4. **Examination** : i) The internal assessment will be held on completion of the block  
 ii) Leather Sector Skills Council (LSSC) will conduct exam at the end of Apprenticeship training
5. **Instructor Qualification** :
6. **Infrastructure for On-Job Training** : As per Tools & Equipment required for On- Job Training

**Trainer Prerequisites for Job role: “Line Supervisor (Footwear)”**

Sr. No.	Area	Details
1	<b>Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “LSS/Q3102, Version 1.0”.
2	<b>Personal Attributes</b>	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	<b>Minimum Educational Qualifications</b>	Diploma or B.Tech in leather footwear technology
4a	<b>Domain Certification</b>	Certified for Job Role: “Line Supervisor (Footwear)”, mapped to QP: “LSS/Q3102, Version 1.0”. The minimum accepted score should be as per the decision of the respective SSC guidelines.
4b	<b>Platform Certification</b>	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “SSC/1402”. Minimum accepted score for the trainer is 80% as per SSC guidelines.

5	<b>Experience</b>	Prior experience as an operator for a minimum of 3-4 years or as a supervisor for 1-2 years in footwear manufacturing
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## **BROAD SKILL COMPONENT**

### **BROAD SKILL COMPONENT TO BE COVERED DURING ON-JOB TRAINING**

#### **BLOCK – II**

1. Develop reading and writing skills for noting designs so to assess components types and quantities required for it.
2. Develop pattern design into footwear components to make accurate replica as per design
3. Understand the components that go into manufacturing of footwear to achieve correct weight and size
4. Spot difficulties with respect to practicality of design and to achieve improved productivity per design type
5. Ensure right amount of temperature for processes wherever required
6. Understand the work of footwear making machinery
7. Develop the skill of footwear making
8. Use tools to make upper and bottom parts of footwear
9. Use tools such as lasting and pincers
10. Maintain tools and machines used so when they are required, they are available without any problem
11. Develop the skill of using technology such as computer for visual aid and efficient working
12. Develop the understanding of working in a safe environment, i.e., without injuries
13. Understand how to manufacture quality footwear.
14. To read a job card and identify raw materials required for job work.
15. To use tools and equipment required for the job
16. To know about different types of leathers
17. To assemble components to complete a footwear
18. To be able to control leather loss
19. To be able to detect product defects
20. To be able to check quality
21. To understand footwear manufacturing process
22. To understand the different types of footwear

## Line Supervisor (Footwear) – LSS/Q3102

### Model Curriculum

#### Key Learning Outcomes:

<b>Program Name</b>	<b>Line Supervisor (Footwear)</b>		
<b>Qualification Pack Name &amp; Reference ID</b>	LSS/Q3102, V1.0		
<b>Version No.</b>	1.0	<b>Version Update Date</b>	Not Applicable
<b>Pre-requisites to Training</b>	Diploma or B - tech in Leather footwear technology with certification training in footwear manufacturing preferred		
<b>Training Outcomes</b>	<p><b>After completing this programme, participants will be able to:</b></p> <ul style="list-style-type: none"><li>• <b>Gain knowledge on overview of leather industry and generic skills:</b> General instructions to importance of leather industry, general hazards in leather industry, basic health safety and hygiene precautions, generic skills to be followed in leather industry.</li><li>• <b>Carry out supervision of the production line:</b> Trail production, Mass production, Line Supervision, Team Management, Quality inspection, Reporting and Documentation</li><li>• <b>Ensure that the production line, tools and machines are maintained properly:</b> Ensure environmental conditions for the production line, Ensure that the maintenance team has done proper maintenance of the production line</li><li>• <b>Become well versed with environment, health, safety &amp; security at work:</b> Well versed with health and safety measures in terms of personal safety and equipment safety relevant to stitching occupation.</li><li>• <b>Follow industrial regularity and organizational requirements:</b> Carry out work in accordance with organizational guidelines and procedures, identify and report any possible deviation.</li></ul>		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
Week 1	<b>Line Supervision during Cutting operation Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	<p>The trainee will be able to Explain:</p> <ul style="list-style-type: none"> <li>• Planning and setting of the production line</li> <li>• How to carry out trial production as per the cutting specifications</li> <li>• Setting the production line for mass production of cut components</li> <li>• Quality Inspection of cut components</li> <li>• Maintenance of cutting area, tools and machines</li> <li>• Lifting and Handling procedures</li> <li>• Waste reduction and disposal</li> <li>• Health and Safety</li> <li>• First Aid</li> <li>• Firefighting and Emergency response training</li> </ul> <p>The trainee will be able to:</p> <ul style="list-style-type: none"> <li>• Ensure that the the work area is free from hazards</li> <li>• Report hazards and potential risks/ threats to the plant supervisor</li> <li>• Ensure that the the work area is clean and in order</li> <li>• Ensure that the tools materials and equipment required for cutting operations are available and handed over in time</li> <li>• Identify unsafe tools and equipment</li> <li>• Check whether materials, machinery, equipment and tools for cutting operations are used safely and correctly by the operators and helpers</li> <li>• Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>• Ensure that the the correct machine guards are in place</li> <li>• Use and maintain personal protective equipment as per protocol</li> <li>• Follow organizational guidelines and procedures</li> <li>• Follow environment management system related procedures</li> <li>• Participate in mock drills/ evacuation procedures organized at the workplace</li> </ul>	Sample Leather Test pieces , Scissors, Measuring tape, Clicking knife, Hammer, Compass, White pencil, Cutting knife, Punches, Clicking Awl, Hydraulic clicking press, Cutting Mat, oil stone, Tracing wheel, Compass, Cutting dies, Stainless steel scale, Screw driver, Garbage bins, Dust pan with handle and broom, Water Bucket, Cutting plier, Cleaning Brush, Wooden tray, Sample non leather, Dispenser with cello tape, Pencil, plastic tray, silver refill, Chart paper, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop, Sample leather defects material, Leather thickness measuring gauge, First aid kit, Fire Extinguisher and sample legal documents.
Week 2	<b>Line Supervision during Cutting operation Session 2</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b>	<p>The trainee will be able to</p> <ul style="list-style-type: none"> <li>• Carry out the trial production as per the cutting specifications</li> <li>• Carry out visual examination of the cut component on completion</li> <li>• Identify bottlenecks after the trial production</li> <li>• Carry out modifications in the trial production, if required</li> </ul>	Leather , Scissors, Measuring tape, Steel rule, Hand clicking knife, Hammer, Compass, White pencil, Cutting knife, Punches, Clicking Awl, Hydraulic clicking press, Cutting Mat, oil stone, Tracing wheel, Compass, Cutting dies,

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102		Stainless steel scale, Screw driver, Non leather, Dispenser with cello tape, Pencil, plastic tray, silver refill, Chart paper, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Sample leather defects material, Leather thickness measuring gauge, First aid kit, Fire Extinguisher
Week 3	<b>Line Supervision during cutting operation Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Set the production line for the mass production of cut components</li> <li>Check whether the production line is functioning smoothly</li> <li>Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Leather , Scissors, Measuring tape, Steel rule, Hand clicking knife, Hammer, Compass, White pencil, Cutting knife, Punches, Clicking Awl, Hydraulic clicking press, Cutting Mat, oil stone, Tracing wheel, Compass, Cutting dies, Stainless steel scale, Screw driver, Non leather, Dispenser with cello tape, Pencil, plastic tray, silver refill, Chart paper, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Sample leather defects material, Leather thickness measuring gauge, First aid kit, Fire Extinguisher
Week 4	<b>Line Supervision during Cutting operation Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>Manage the administrative functions for the team</li> </ul>	Attendance register, Documents
Week 5	<b>Line Supervision during Cutting operation Session 5</b>	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out waste disposal</li> <li>Carry out storage of materials, tools and equipment safely after use</li> </ul>	Leather , Scissors, Measuring tape, Steel rule, Hand clicking knife, Hammer, Compass, White pencil, Cutting

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	<ul style="list-style-type: none"> <li>Follow organization procedures for shutdown and evacuation when required</li> <li>Carry out reporting and documentation</li> </ul>	knife, Punches, Clicking Awl, Hydraulic clicking press, Cutting Mat, oil stone, Tracing wheel, Compass, Cutting dies, Stainless steel scale, Screw driver, Garbage bins, Dust pan with handle and broom, Water Bucket, Cutting plier, Cleaning Brush, Wooden tray, Non leather, Dispenser with cello tape, Pencil, plastic tray, silver refill, Chart paper, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop, Sample leather defects material, Leather thickness measuring gauge, First aid kit, Fire Extinguisher
Week 6	<b>Line Supervision during Skiving operation Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>Planning and setting of the production line</li> <li>How to carry out trail production as per the skiving specifications</li> <li>Setting the production line for mass production of skived components</li> <li>Quality Inspection of skived components</li> <li>Maintenance of skiving area, tools and machines</li> </ul> The trainee will be able to: <ul style="list-style-type: none"> <li>Ensure that the the work area is free from hazards</li> <li>Report hazards and potential risks/ threats to the plant supervisor</li> <li>Ensure that the the work area is clean and in order</li> <li>Ensure that the skiving tools materials and equipment required for cutting operations are available and handed over in time</li> <li>Identify unsafe tools and equipment</li> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	Grinder, Skiving machine, Skiving tools, Sample leather defects material, Inspection report documents, Leather thickness measuring gauge, Gloves, Safety shoe, Ear plug, Apron, One set of tools and facility for arranging tools, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, Broom, Grease ,Lubricate oil, First aid kit, Fire extinguisher, PPE Set, Sample legal documents
Week 7	<b>Line Supervision during Skiving operation Session 2</b>	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out the trial production as per the skiving specifications</li> </ul>	Grinder, Skiving machine, Skiving tools, Sample leather defects material, Inspection report



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	<ul style="list-style-type: none"> <li>Carry out visual examination of the trial product on completion</li> <li>Identify bottlenecks after the trial production</li> <li>Carry out modifications in the trial production, if required</li> </ul>	documents, Leather thickness measuring gauge, Gloves, Safety shoe, Ear plug, Apron, One set of tools and facility for arranging tools, Grease ,Lubrication oil, First aid kit, Fire extinguisher, PPE Set
Week 8	<b>Line Supervision during Skiving operation Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Set the production line for the mass production of skived components</li> <li>Check whether the production line is functioning smoothly</li> <li>Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Grinder, Skiving machine, Skiving tools, Sample leather defects material, Inspection report documents, Leather thickness measuring gauge, Gloves, Safety shoe, Ear plug, Apron, One set of tools and facility for arranging tools, Grease ,Lubrication oil, First aid kit, Fire extinguisher, PPE Set
Week 9	<b>Line Supervision during Skiving operation Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>Manage the administrative functions for the team</li> </ul>	Attendance register, Documents
Week 10	<b>Line Supervision during Skiving operation Session 5</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm)	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out waste disposal</li> <li>Carry out storage of materials, safely after use</li> <li>Follow organization procedures for shutdown and evacuation when required</li> <li>Carry out reporting and documentation</li> </ul>	Grinder, Skiving machine, Skiving tools, Sample leather defects material, Inspection report documents, Leather thickness measuring gauge, Gloves, Safety shoe, Ear plug, Apron, One set of tools and facility for arranging tools, Cleaning cloth, Water

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	40:00  <b>Corresponding NOS Code</b> LSS/N3102		bucket, Cleaning materials, Mop, Dust bin, Broom, Grease ,Lubricate oil, First aid kit, Fire extinguisher, PPE Set,
Week 11	<b>Line Supervision during Pre-assembly operations Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>Planning and setting of the production line</li> <li>How to carry out trial production as per the specifications</li> <li>Setting the production line for mass production of pre – assembled components</li> <li>Quality Inspection of pre - assembled components</li> <li>Maintenance of preassembly area, tools and machines</li> </ul> The trainee will be able to: <ul style="list-style-type: none"> <li>Ensure that the the work area is free from hazards</li> <li>Report hazards and potential risks/ threats to the plant supervisor</li> <li>Ensure that the the work area is clean and in order</li> <li>Ensure that the preassembly tools materials and equipment required for cutting operations are available and handed over in time</li> <li>Identify unsafe tools and equipment</li> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	Splitting machine, Allen key set, Spiral set, Brush, fitness guage machine, Air blower, Oil can, Oil stone, Emery paper, Gimping tools, Revolving punch, Hammer, Mecca knife, Fibre board, Iron box, Rotating Ironing machine, Silver pen/ pencil, Pattern, Eraser, Bowl, Foam, Color, Small brush, Sponge, Bud, Soft cloth, Pasting can, Brush, Pasting machine, Crepe rubber, Silk, Self-tape, folding hammer, Folding machine, Stone, Marking awl, Spring divider, Punch, Hammer, Fiber board, Eyelet setter, Eyelet riveting machine, Wax, Floor/ dust cleaning machine, Dry vacuum cleaner, Mop bucket, Detergent, Phenyl, Scrubbing and polishing machine, Garbage bins, Dust pan and broom, First aid kit, Fire extinguisher, Gloves, Helmet, Shoes, Apron Sample legal documents
Week 12	<b>Line Supervision during Pre-assembly operations Session 2</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out the trial production as per the specifications</li> <li>Identify bottlenecks after the trial production</li> <li>Carry out modifications in the trial production, if required</li> </ul>	Splitting machine, Allen key set, Spiral set, Brush, fitness gaze machine, Air blower, Oil can, Oil stone, Emery paper, Gimping tools, Revolving punch, Hammer, Mecca knife, Fibre board, Iron box, Rotating Ironing machine, Silver pen/ pencil, Pattern, Eraser, Bowl, Foam, Color, Small brush, Sponge, Bud, Soft cloth, Pasting can, Brush, Pasting machine, Crepe rubber, Silk, Self-tape, folding hammer, Folding

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			machine, Stone, Marking awl, Spring divider, Punch, Hammer, Fiber board, Eyelet setter, Eyelet riveting machine, Wax, Dry vacuum cleaner, First aid kit, Fire extinguisher, Gloves, Helmet, Shoes, Apron
Week 13	<b>Line Supervision during Pre-assembly operations Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Set the production line for the mass production of preassembled components</li> <li>• Check whether the production line is functioning smoothly</li> <li>• Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Splitting machine, Allen key set, Spiral set, Brush, fitness gaze machine, Air blower, Oil can, Oil stone, Emery paper, Gimping tools, Revolving punch, Hammer, Mecca knife, Fibre board, Iron box, Rotating Ironing machine, Silver pen/ pencil, Pattern, Eraser, Bowl, Foam, Color, Small brush, Sponge, Bud, Soft cloth, Pasting can, Brush, Pasting machine, Crepe rubber, Silk, Self-tape, folding hammer, Folding machine, Stone, Marking awl, Spring divider, Punch, Hammer, Fiber board, Eyelet setter, Eyelet riveting machine, Wax, First aid kit, Fire extinguisher, Gloves, Helmet, Shoes, Apron
Week 14	<b>Line Supervision during Pre-assembly operations Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>• Manage the administrative functions for the team</li> <li>• Allocate the work among the team ensuring maximum utilization of resources and nil defects</li> <li>• Carry out visual examination of the trial product on completion</li> </ul>	Attendance Register, Documents
Week 15	<b>Line Supervision during Pre-assembly operations Session 5</b>	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out waste disposal</li> <li>• Carry out storage of equipment safely after use</li> </ul>	Splitting machine, Allen key set, Spiral set, Brush, fitness gaze machine, Air blower, Oil can, Oil stone, Emery paper, Gimping

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	<ul style="list-style-type: none"> <li>Follow organization procedures for shutdown and evacuation when required</li> <li>Carry out reporting and documentation</li> </ul>	tools, Revolving punch, Hammer, Mecca knife, Fibre board, Iron box, Rotating Ironing machine, Silver pen/ pencil, Pattern, Eraser, Bowl, Foam, Color, Small brush, Sponge, Bud, Soft cloth, Pasting can, Brush, Pasting machine, Crepe rubber, Silk, Self-tape, folding hammer, Folding machine, Stone, Marking awl, Spring divider, Punch, Hammer, Fiber board, Eyelet setter, Eyelet riveting machine, Wax, Floor/ dust cleaning machine, Dry vacuum cleaner, Mop bucket, Detergent, Phenyl, Scrubbing and polishing machine, Garbage bins, Dust pan and broom, First aid kit, Fire extinguisher, Gloves, Helmet, Shoes, Apron
Week 16	<b>Line Supervision during stitching operation Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>Planning and setting of the production line</li> <li>How to carry out trail production as per the stitching specifications</li> <li>Setting the production line for mass production of stitched components</li> <li>Quality Inspection of stitched components</li> <li>Maintenance of stitching area, tools and machines</li> </ul> The trainee will be able to: <ul style="list-style-type: none"> <li>Ensure that the the work area is free from hazards</li> <li>Report hazards and potential risks/ threats to the plant supervisor</li> <li>Ensure that the the work area is clean and in order</li> <li>Ensure that the stitching tools materials and equipment required for cutting operations are available and handed over in time</li> <li>Identify unsafe tools and equipment</li> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine , Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet , Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes, Sample leather defects material, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			materials, Mop, Dust bin, broom, First aid kit, Fire Extinguisher and Sample legal documents.
Week 17	<b>Line Supervision during stitching operation Session 2</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out the trial production as per the stitching specifications</li> <li>• Identify bottlenecks after the trial production</li> <li>• Carry out modifications in the trial production, if required</li> </ul>	Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine , Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet , Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes, Sample leather defects material, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, First aid kit, Fire Extinguisher
Week 18	<b>Line Supervision during stitching operation Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Set the production line for the mass production of stitched components</li> <li>• Check whether the production line is functioning smoothly</li> <li>• Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine , Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet , Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes, Sample leather defects material, Leather thickness

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, First aid kit, Fire Extinguisher
Week 19	<b>Line Supervision during stitching operation Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>• Manage the administrative functions for the team</li> <li>• Allocate the work among the team ensuring maximum utilization of resources and nil defects</li> <li>• Carry out visual examination of the trial product on completion</li> </ul>	Attendance register, Documents
Week 20	<b>Line Supervision during stitching operation Session 5</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out waste disposal</li> <li>• Carry out storage of materials, tools and equipment safely after use</li> <li>• Follow organization procedures for shutdown and evacuation when required</li> <li>• Carry out reporting and documentation</li> </ul>	Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine , Sample leather pieces, Scissors, Stitching awl, Stitch maker, Spring divider, Steel rule, Khurpi, Wooden mallet , Indenting scissors, Hand clicking knife, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Leather thickness measuring gauge, Manchester nippers, Spring divider, Needles, Thread, Dendrite paste, Pasting brushes, Sample leather defects material, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, broom, First aid kit, Fire Extinguisher
Week 21	<b>Line Supervision during Lasting operation</b>	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>• Planning and setting of the production line</li> </ul>	Last, Upper, Tack hammer, Screwdriver, Lasting plier, Shoemaking

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p><b>Session 1</b></p> <p><b>Theory Duration</b> (hh:mm) 08:00</p> <p><b>Practical Duration</b> (hh:mm) 32:00</p> <p><b>Corresponding NOS Code</b> LSS/N3102</p>	<ul style="list-style-type: none"> <li>How to carry out trail production as per the lasting specifications</li> <li>Setting the production line for mass production of lasted components</li> <li>Quality Inspection of lasted components</li> <li>Maintenance of lasting area, tools and machines</li> </ul> <p>The trainee will be able to:</p> <ul style="list-style-type: none"> <li>Ensure that the the work area is free from hazards</li> <li>Report hazards and potential risks/ threats to the plant supervisor</li> <li>Ensure that the the work area is clean and in order</li> <li>Ensure that the lasting tools materials and equipment required for cutting operations are available and handed over in time</li> <li>Identify unsafe tools and equipment</li> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	<p>pincher, Cutting nipper, Tack puller, Thickness measuring gauge, Leather shear, Scratch awl, Hex key, Spanner set, Knife, Last working mallet, Nails, PU adhesive, Brush, Toe cap, Foam, Counter tightening machine, Toe moulding machine, Forepart lasting machine, Seat and side lasting machine, Roughing machine, Sole pressing machine, De-lasting machine, tape, Blower, Cotton cloth, Iron, Shoe brush, Thread, Shank, Cork, Heel pad, Sample footwear with defects after lasting operations, Inspection report documents, Gloves, Safety shoe, Ear plug, Apron, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, Broom, Grease ,Lubricate oil, First aid kit, Fire extinguisher, Sample legal documents</p>
Week 22	<p><b>Line Supervision during Lasting operation Session 2</b></p> <p><b>Theory Duration</b> (hh:mm) 00:00</p> <p><b>Practical Duration</b> (hh:mm) 40:00</p> <p><b>Corresponding NOS Code</b> LSS/N3102</p>	<p>The trainee will be able to:</p> <ul style="list-style-type: none"> <li>Carry out the trial production as per the lasting specifications</li> <li>Identify bottlenecks after the trial production</li> <li>Carry out modifications in the trail production, if required</li> </ul>	<p>Last, Upper, Tack hammer, Screwdriver, Lasting plier, Shoemaking pincher, Cutting nipper, Tack puller, Thickness measuring gauge, Leather shear, Scratch awl, Hex key, Spanner set, Knife, Last working mallet, Nails, PU adhesive, Brush, Toe cap, Foam, Counter tightening machine, Toe moulding machine, Forepart lasting machine, Seat and side lasting machine, Roughing machine, Sole pressing machine, De-lasting machine, tape, Blower, Iron, Shoe brush, Thread, Shank, Cork, Heel pad, Sample footwear with</p>



Sr. No.	Module	Key Learning Outcomes	Equipment Required
			defects after lasting operations, Inspection report documents, Gloves, Safety shoe, Ear plug, Apron, Grease ,Lubrication oil, First aid kit, Fire extinguisher,
Week 23	<b>Line Supervision during Lasting operation Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Set the production line for the mass production of lasted components</li> <li>Check whether the production line is functioning smoothly</li> <li>Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Last, Upper, Tack hammer, Screwdriver, Lasting plier, Shoemaking pincher, Cutting nipper, Tack puller, Thickness measuring gauge, Leather shear, Scratch awl, Hex key, Spanner set, Knife, Last working mallet, Nails, PU adhesive, Brush, Toe cap, Foam, Counter tightening machine, Toe moulding machine, Forepart lasting machine, Seat and side lasting machine, Roughing machine, Sole pressing machine, De-lasting machine, tape, Blower, Iron, Shoe brush, Thread, Shank, Cork, Heel pad, Sample footwear with defects after lasting operations, Inspection report documents, Gloves, Safety shoe, Ear plug, Apron, Grease ,Lubrication oil, First aid kit, Fire extinguisher
Week 24	<b>Line Supervision during Lasting operation Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>Manage the administrative functions for the team</li> <li>Allocate the work among the team ensuring maximum utilization of resources and nil defects</li> <li>Carry out visual examination of the trial product on completion</li> </ul>	Attendance register, Documents



Sr. No.	Module	Key Learning Outcomes	Equipment Required
Week 25	<b>Line Supervision during Lasting operation Session 5</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out waste disposal</li> <li>• Carry out storage of materials, tools and equipment safely after use</li> <li>• Follow organization procedures for shutdown and evacuation when required</li> <li>• Carry out reporting and documentation</li> </ul>	Last, Upper, Tack hammer, Screwdriver, Lasting plier, Shoemaking pincher, Cutting nipper, Tack puller, Thickness measuring gauge, Leather shear, Scratch awl, Hex key, Spanner set, Knife, Last working mallet, Nails, PU adhesive, Brush, Toe cap, Foam, Counter tightening machine, Toe moulding machine, Forepart lasting machine, Seat and side lasting machine, Roughing machine, Sole pressing machine, De-lasting machine, tape, Blower, Cotton cloth, Iron, Shoe brush, Thread, Shank, Cork, Heel pad, Sample footwear with defects after lasting operations, Inspection report documents, Gloves, Safety shoe, Ear plug, Apron, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, Broom, Grease ,Lubricate oil, First aid kit, Fire extinguisher
Week 26	<b>Line Supervision during Moulding Operations Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>• Planning and setting of the production line</li> <li>• How to carry out trail production as per the moulding specifications</li> <li>• Setting the production line for mass production of moulding components</li> <li>• Quality Inspection of moulded components</li> <li>• Maintenance of moulding area, tools and machines</li> </ul> The trainee will be able to: <ul style="list-style-type: none"> <li>• Ensure that the the work area is free from hazards</li> <li>• Report hazards and potential risks/ threats to the plant supervisor</li> <li>• Ensure that the the work area is clean and in order</li> <li>• Ensure that the moulding tools materials and equipment required for cutting operations are available and handed over in time</li> </ul>	Defective leather products, Mould, Metal last, Jack, Pincher, Pounding machine, Buffing machine, Injection moulding machine, Spanner set, Allen key, Oil can, Two faced hammer, Scissor, Screwdriver, Mecca knife, Silicon gun, Mop bucket, Detergent, Phenyl, Dustbin, Dust pan and broom, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, Fire extinguisher, Sample upper, PU sole, Vernier caliper, Measuring scale, Gauges, Weighing

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>Identify unsafe tools and equipment</li> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	machine (Digital), Sample leather products, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, First Aid Kit, Reports, Documents
Week 27	<b>Line Supervision during Moulding Operations Session 2</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out the trial production as per the moulding specifications</li> <li>Carry out visual examination of the trial product on completion</li> <li>Identify bottlenecks after the trial production</li> <li>Carry out modifications in the trail production, if required</li> </ul>	Defective leather products, Mould, Metal last, Jack, Pincher, Pounding machine, Buffing machine, Injection moulding machine, Spanner set, Allen key, Oil can, Two faced hammer, Scissor, Screwdriver, Mecca knife, Silicon gun, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, Fire extinguisher, Sample upper, PU sole, Vernier caliper, Measuring scale, Gauges, Weighing machine (Digital), Sample leather products
Week 28	<b>Line Supervision during Moulding Operations Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Set the production line for the mass production of moulded components</li> <li>Check whether the production line is functioning smoothly</li> <li>Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	Defective leather products, Mould, Metal last, Jack, Pincher, Pounding machine, Buffing machine, Injection moulding machine, Spanner set, Allen key, Oil can, Two faced hammer, Scissor, Screwdriver, Mecca knife, Silicon gun, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, Fire extinguisher, Sample upper, PU sole, Vernier caliper, Measuring scale, Gauges, Weighing machine (Digital), Sample leather products
Week 29	<b>Line Supervision during Moulding Operations Session 4</b>  <b>Theory Duration</b>	The trainee will be able to: <ul style="list-style-type: none"> <li>Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>Manage the administrative functions for the team</li> </ul>	Attendance register, Documents

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102		
Week 30	<b>Line Supervision during Moulding Operations Session 5</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out waste disposal</li> <li>• Carry out storage of equipment safely after use</li> <li>• Follow organization procedures for shutdown and evacuation when required</li> <li>• Carry out reporting and documentation</li> </ul>	Defective leather products, Mould, Metal last, Jack, Pincher, Pounding machine, Buffing machine, Injection moulding machine, Spanner set, Allen key, Oil can, Two faced hammer, Scissor, Screwdriver, Mecca knife, Silicon gun, Mop bucket, Detergent, Phenyl, Dustbin, Dust pan and broom, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, Fire extinguisher, Sample upper, PU sole, Vernier caliper, Measuring scale, Gauges, Weighing machine (Digital), Sample leather products, Safety Helmet, Ear plugs, Respirator, Safety gloves, Safety Clothing, Safety shoes, First Aid Kit
Week 31	<b>Line Supervision during finishing and packing Session 1</b>  <b>Theory Duration</b> (hh:mm) 08:00  <b>Practical Duration</b> (hh:mm) 32:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to Explain: <ul style="list-style-type: none"> <li>• Finishing and packing procedure</li> <li>• Quality Inspection of finished components</li> <li>• Maintenance of finishing and packing area, tools and machines</li> </ul> The trainee will be able to: <ul style="list-style-type: none"> <li>• Ensure that the the work area is free from hazards</li> <li>• Report hazards and potential risks/ threats to the plant supervisor</li> <li>• Ensure that the the work area is clean and in order</li> <li>• Ensure that the finishing, packing tools materials and equipment required for cutting operations are available and handed over in time</li> <li>• Identify unsafe tools and equipment</li> </ul>	PPE set, Job Card, Wax coating, Cotton Hand Brush, Mild soapy water, Flannel cloth, Thinner, Nylon brush, Scouring pad, Crepe rubber, Soft Sponge Rubber, Sponge, Suede Eraser, Shoe cleaning Machine, Lighter, Trimming Scissors, Thread trimming machine, Sole edge trimming machine, Heel trimming machine, Silver Pencil, Metal Scale, Thread Burner, Screw Driver, Hex Key Spanner

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>Report any service malfunctions that cannot be rectified to the plant supervisor</li> <li>Ensure that the the correct machine guards are in place</li> <li>Use and maintain personal protective equipment as per protocol</li> </ul>	Set,Knife,Marking Tape, Shoe makers marking tape, Socks printing press, Screen Printer, Glue Brush,Sock,Finished Leather, Top line forming machine,PVC/Metal Last, Polyurethane adhesive,Hardner,Mixing Bowl, Heating oven/chamber Stamping machine, Shoe and Sole, Brushing machine, Stiff Bristle Brush Dauber Brush, Filler wax, Base Polish, Paper stuffing, Shoe stick, Size tag Wrapping paper,Cartons,Price tags, Cleaning cloth, Water bucket, Mop, Dust bin,Broom,First aid kit, Fire extinguisher
Week 32	<b>Line Supervision during finishing and packing Session 2</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Carry out the trial production as per the finishing and packing specifications</li> <li>Carry out visual examination of the trial product on completion</li> <li>Identify bottlenecks after the trial production</li> <li>Carry out modifications in the trail production, if required</li> </ul>	PPE set, Job Card, Wax coating, Cotton Hand Brush, Mild soapy water, Flannel cloth,Thinner,Nylon brush, Scouring pad, Crepe rubber, Soft Sponge Rubber,Sponge,Suede Eraser, Shoe cleaning Machine,Lighter,Trimming Scissors, Thread trimming machine, Sole edge trimming machine, Heel trimming machine, Silver Pencil, Metal Scale, Thread Burner, Screw Driver, Hex Key Spanner Set,Knife,Marking Tape, Shoe makers marking tape, Socks printing press, Screen Printer, Glue Brush,Sock,Finished Leather, Top line forming machine,PVC/Metal Last, Polyurethane adhesive,Hardner,Mixing Bowl, Heating oven/chamber Stamping machine, Shoe and Sole, Brushing machine, Stiff Bristle Brush Dauber

Sr. No.	Module	Key Learning Outcomes	Equipment Required
			Brush, Filler wax, Base Polish, Paper stuffing, Shoe stick, Size tag Wrapping paper, Cartons, Price tags, First aid kit, Fire extinguisher
Week 33	<b>Line Supervision during finishing and packing Session 3</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>Set the production line for the mass production of finished components</li> <li>Check whether the production line is functioning smoothly</li> <li>Allocate work so as to ensure maximum utilization of resources and nil defects</li> </ul>	PPE set, Job Card, Wax coating, Cotton Hand Brush, Mild soapy water, Flannel cloth, Thinner, Nylon brush, Scouring pad, Crepe rubber, Soft Sponge Rubber, Sponge, Suede Eraser, Shoe cleaning Machine, Lighter, Trimming Scissors, Thread trimming machine, Sole edge trimming machine, Heel trimming machine, Silver Pencil, Metal Scale, Thread Burner, Screw Driver, Hex Key Spanner Set, Knife, Marking Tape, Shoe makers marking tape, Socks printing press, Screen Printer, Glue Brush, Sock, Finished Leather, Top line forming machine, PVC/Metal Last, Polyurethane adhesive, Hardner, Mixing Bowl, Heating oven/chamber Stamping machine, Shoe and Sole, Brushing machine, Stiff Bristle Brush Dauber Brush, Filler wax, Base Polish, Paper stuffing, Shoe stick, Size tag Wrapping paper, Cartons, Price tags, First aid kit, Fire extinguisher
Week 34	<b>Line Supervision during finishing and packing Session 4</b>  <b>Theory Duration</b> (hh:mm) 00:00	The trainee will be able to: <ul style="list-style-type: none"> <li>Check whether the team adheres to the organizational rules on attendance and timekeeping</li> <li>Manage the administrative functions for the team</li> </ul>	Attendance Register, Documents

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102		
Week 35	<b>Line Supervision during finishing and packing Session 5</b>  <b>Theory Duration</b> (hh:mm) 00:00  <b>Practical Duration</b> (hh:mm) 40:00  <b>Corresponding NOS Code</b> LSS/N3102	The trainee will be able to: <ul style="list-style-type: none"> <li>• Carry out waste disposal</li> <li>• Carry out storage of equipment safely after use</li> <li>• Follow organization procedures for shutdown and evacuation when required</li> <li>• Carry out reporting and documentation</li> </ul>	PPE set, Job Card, Wax coating, Cotton Hand Brush, Mild soapy water, Flannel cloth, Thinner, Nylon brush, Scouring pad, Crepe rubber, Soft Sponge Rubber, Sponge, Suede Eraser, Shoe cleaning Machine, Lighter, Trimming Scissors, Thread trimming machine, Sole edge trimming machine, Heel trimming machine, Silver Pencil, Metal Scale, Thread Burner, Screw Driver, Hex Key Spanner Set, Knife, Marking Tape, Shoe makers marking tape, Socks printing press, Screen Printer, Glue Brush, Sock, Finished Leather, Top line forming machine, PVC/Metal Last, Polyurethane adhesive, Hardner, Mixing Bowl, Heating oven/chamber Stamping machine, Shoe and Sole, Brushing machine, Stiff Bristle Brush Dauber Brush, Filler wax, Base Polish, Paper stuffing, Shoe stick, Size tag Wrapping paper, Cartons, Price tags, Cleaning cloth, Water bucket, Mop, Dust bin, Broom, First aid kit, Fire extinguisher
Week 36	<b>Revision</b>  <b>Theory Duration</b> (hh:mm) 10:00  <b>Practical Duration</b>	The trainee will be able to: <ul style="list-style-type: none"> <li>• Summarize the skills learned in previous weeks</li> <li>• Attend all the previous exercises which are mixed</li> <li>• Make them ready to adopt a career in this field</li> </ul>	All the equipment as mentioned above for Line Supervisor

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 30:00  <b>Corresponding NOS Code</b> LSS/N3102		
	<b>Total Duration</b> <b>1440:00</b>  <b>Theory Duration</b> <b>66:00</b>  <b>Practical Duration</b> <b>1374:00</b>	<b>Unique Equipment Required:</b> Thickness Gauge, Digital weighing scale, Measuring Tape, Stainless steel scale, PU Moulding Machine, Screw driver, Cutting Plier, Cleaning Brush, Sample leather test pieces, Sample semi-finished product, Garbage Bins, Dust Pan with Handle & Broom, Dry and wet mob, Water Bucket, Sewing Machine, PPE set, First aid kit, Fire Extinguisher, Scissor, Hand clicking knife, Compass, White pencil, Cutting Knife, Punches, Clicking awl, Hydraulic clicking press, Cutting mat, Oil stone, Tracing wheel, Cutting dies, Wooden tray, Sample non-leather, Dispenser with cello tape, Pencil, Plastic tray, Silver refill, Chart paper, Cleaning materials, Sample leather defects material, Hammer, Grinder, Skiving machine Splitting machine, Allen key set, Spiral Set, Fitness Gauge machine, Air Blower, Oil can, Emery paper, Gimping tools, Revolving punch, Mecca knife, Fibre board, Iron box, Rotating Ironing machine, Pattern, Eraser, Bowl, Foam, Color, Small brush, Sponge, Bud, Soft cloth, Pasting can, Brush, Pasting machine, Crepe rubber, Silk, Self-tape, Folding hammer, Folding machine, Marking awl, Eyelet setter, Eyelet riveting machine, Post bed sewing machine, Flat bed sewing machine, Cylinder bed type sewing machine, Stitching awl, Pricking awl, Lasting pincers, Shoe hammer, Channel opener, Edge setting iron, Welt knife, Heel iron, Nail puller, Manchester nippers, Dendrite paste, Pasting brushes, Last, Upper, Tack hammer, Lasting plier, Shoemaking pincher, Cutting nipper, Tack puller Last working mallet, Nails, PU adhesive, Brush, Toe cap, Foam, Counter tightening machine, Toe moulding machine, Forepart lasting machine, Seat and side lasting machine, Roughing machine, Sole pressing machine, De-lasting machine, tape, Blower, Shoe brush, Thread, Shank, Cork, Heel pad, Buffing machine, Injection moulding machine, Sole edge trimming machine, Heel trimming machine, Heating oven/chamber Stamping machine, Shoe and Sole, Brushing machine, Stiff Bristle Brush Dauber Brush, Filler wax, Base Polish, Paper stuffing, Shoe stick, Size tag Wrapping paper, Cartons, Price tags	

Grand Total Course Duration: **1440 Hours, 0 Minutes**

## Assessment Criteria

<b>Assessment Criteria</b>	
<b>Job Role</b>	<b>Line Supervisor (Footwear)</b>
<b>Qualification Pack</b>	<b>LSS/Q3102, V1.0</b>
<b>Sector Skill Council</b>	<b>Leather</b>

<b>Sr. No.</b>	<b>Guidelines for Assessment</b>
1	Criteria for assessment for each qualification pack will be created by the sector skill council. Each performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2	The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on these criteria
5	To pass the Qualification Pack, every candidate should score a minimum 70% of aggregate marks to successfully clear the assessment
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack



Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
<b>1. LSS/N3102: Supervising the production line</b>	PC1. Ensure the work area is free from hazards as per the safety norms of the organization	<b>40</b>	1	0	1
	PC2. Ensure the cleanliness and orderliness of the work place is as per the organizational standards		1	0	1
	PC3. Ensure that all materials required for the production are available and handed over on time		2	0	2
	PC4. Ensure planning and setting the production line		2	1	1
	PC5. Conduct the trial production as per the specifications		2	0	2
	PC6. Set the production line if trial production is successful		2	1	1
	PC7. Take care of any suggestions/ bottlenecks after the trial production		3	1	2
	PC8. Incorporate any suggestions or modifications given, if required		2	0	2
	PC9. Resolve any bottlenecks, if any from the trial production		2	0	2
	PC10. Set the production line for the mass production		2	1	1
	PC11. Ensure the smooth functioning of the production line		2	0	2
	PC12. Ensure maximum utilization of resources and nil defects by allocating work accordingly		2	0	2
	PC13. Ensure the team adheres to the organizational rules on attendance and timekeeping		3	1	2
	PC14. Manage the administrative functions for the team		3	1	2
	PC15. Allocate the work among the team ensuring maximum utilization of resources and nil defects		2	0	2
	PC16. Conduct a visual examination of the trial product on completion		3	1	2

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC17. Ensure minimum wastage and their proper disposal		2	0	2
	PC18. Prepare all the reports and documentations for the production line, as per organizational standards		3	1	2
	PC19. Liaison with other departments for all production related work		1	0	1
	<b>Total</b>		<b>40</b>	<b>8</b>	<b>32</b>
<b>2. LSS/N3103: Ensure that the Production Line, Tools and Machines are Maintained properly</b>	PC1. Check whether materials, machinery, equipment and tools are used safely and correctly by the operators and helpers	<b>30</b>	2	0	2
	PC2. Ensure correct lifting and handling procedures are followed by the operators and helpers		3	1	2
	PC3. Ensure minimum wastage of materials in the production line		3	1	2
	PC4. Organize work for the subordinates		2	0	2
	PC5. Ensure a clean and hazard free working area is there for the operator and helpers to perform the tasks		3	1	2
	PC6. Deal with work interruptions		2	0	2
	PC7. Ensure proper maintenance within agreed schedules is conducted		1	0	1
	PC8. Report unsafe equipment and other dangerous occurrences to the plant supervisor		2	0	2
	PC9. Ensure that the correct machine guards are in place		3	1	2
	PC10. Ensure that the helpers and operators clean the equipment and methods appropriate for the work to be carried out		2	0	2
	PC11. Ensure the disposal of waste safely in the designated location		2	0	2

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC12. Ensure storage of equipment safely after use		2	0	2
	PC13. Complete and store accurate records and documentation		3	1	2
	<b>Total</b>		<b>30</b>	<b>5</b>	<b>25</b>
<b>3. LSS/N8601: Maintain health, safety and security at workplace</b>	PC1. Comply with health and safety related instructions applicable to the workplace	<b>45</b>	3	0	3
	PC2. Use and maintain personal protective equipment as per protocol		3	1	2
	PC3. Carry out own activities in line with approved guidelines and procedures		2	0	2
	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants		3	1	2
	PC5. Follow environment management system related procedures		3	0	3
	PC6. Identify and correct (if possible) malfunctions in machinery and equipment		3	1	2
	PC7. Report any service malfunctions that cannot be rectified		2	0	2
	PC8. Store materials and equipment in line with manufacturer's and organizational requirements		2	0	2
	PC9. Safely handle and move waste and debris		3	1	2
	PC10. Minimize health and safety risks to self and others due to own actions		2	0	2
	PC11. Seek clarifications, from supervisors or other authorized personnel in case of perceived risks		2	0	2
	PC12. Monitor the workplace and work processes for potential risks and		2	0	2

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	threats PC13. Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		3	1	2
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		2	0	2
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		3	0	3
	PC16. Undertake first aid, fire-fighting and emergency response training, if asked to do so		3	0	3
	PC17. Take action based on instructions in the event of fire, emergencies or accidents		2	0	2
	PC18. Follow organization procedures for shutdown and evacuation when required		2	0	2
	<b>Total</b>		<b>45</b>	<b>5</b>	<b>40</b>
<b>4. LSS/N8701: Comply with industry, regulatory and organizational requirements</b>	PC1. Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures	<b>15</b>	3	0	3
	PC2. Seek and obtain clarifications on policies and procedures, from the supervisor or other authorized personnel		4	1	3
	PC3. Apply and follow these policies and procedures within the work practices		2	0	2
	PC4. Provide support to the supervisor and team members in enforcing these considerations		3	1	2
	PC5. Identify and report any possible deviation to these requirements		3	0	3
	<b>Total</b>		<b>15</b>	<b>2</b>	<b>40</b>
	<b>Grand Total</b>	<b>75</b>	<b>75</b>	<b>25</b>	<b>13</b>

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	Percentage weightage:			33.3%	66.7%
	Minimum pass % to qualify (aggregate):			70%	

**EQUIPMENT LIST**  
**LINE SUPERVISOR (FOOTWEAR) – LSS/Q3102**

Sr. No	SSC	QP Code	Name of the QP	NSQF Level	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/ Specification/ Description of the Equipment/ ANY OTHER REMARK
1	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Thickness Gauge	2	Nos	No  (Can be made available at OJT site)	<ul style="list-style-type: none"> <li>Measuring Range: 0 to 10 mm</li> <li>Least count of dial gauge: 0.01</li> <li>Diameter of anvil: 50 mm approximately</li> <li>Diameter of indenter: 10 mm</li> <li>Pressure on indenter: 100 gm/cm<sup>2</sup></li> <li>Throat depth: 50 mm</li> </ul>
2	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Digital weighing scale	2	Nos	Yes	10 kg capacity or more
3	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Measuring Tape	5	Nos	Yes	cotton or plastic - 2 meter long
4	LSSC	LSS/Q3102	Line Supervisor(Footwear)		Stainless steel scale	5	Nos	Yes	6" - 15 NOS & 12 "
5	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	PU Moulding Machine	1	Nos	No  (Can be made available at OJT site)	Power 18 KW, speed of Pump 0-280 r/min,
6	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Screw driver	5	Nos	Yes	Small size and long size
7	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cutting Plier	2	Nos	Yes	8 Inch
8	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cleaning Brush	2	Nos	Yes	3 cm
9	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sample leather test pieces	5	Nos	Yes	Cow/Sheep/Buffalo leather

10	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sample semi-finished product after Clicking, stitching, Moulding and finishing	2	Nos	Yes	Semi-finished product
11	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Garbage Bins	3	Nos	Yes	30 lts capacity
12	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Dust Pan with Handle & Broom	1	Nos	Yes	Long handle
13	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Dry and wet mob	Each one	Nos	Yes	Long handle
14	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Water Bucket	1	Nos	Yes	20 lts capacity
15	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sewing Machine	1	Nos	Yes	cylinder bed type
16	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	PPE set	2	Nos	Yes	Standard
17	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	First aid kit	1	Nos	Yes	Standard
18	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Fire Extinguisher	1	Nos	Yes	ABC Type
19	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Scissor	10	Nos	Yes	150mm and 300mm
20	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Hand clicking knife	5	Nos	Yes	Stainless steel
21	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Compass	2	Nos	Yes	Standard
22	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	White pencil	30	Nos	Yes	Drawing pencil
23	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cutting Knife	5	Nos	Yes	Stainless steel
24	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Punches	3	Nos	Yes	Size-00, 0, 1, 2, 3 and 4
25	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Clicking awl	5	Nos	Yes	Tempered sharp steel needle with wooden handle
26	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Hydraulic clicking press	1	Nos	Yes	Cutting Table width – 800mm x 400mm / 1000mm x 500mm
27	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cutting mat	5	Nos	Yes	3.5 x 4.5 ft
28	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Oil stone	2	Nos	Yes	Standard
29	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Tracing wheel	3	Nos	Yes	Standard

30	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cutting dies	1	Nos	Yes	Different shapes (Big, Small & Medium)
31	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Wooden tray	1	Nos	Yes	
32	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sample non-leather	1	Nos	Yes	
33	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Dispenser with cello tape	1	Nos	Yes	
34	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pencil	5	Nos	Yes	Black
35	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Plastic tray	2	Nos	Yes	
36	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Silver refill	5	Nos	Yes	
37	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Chart paper	10	Nos	Yes	
38	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cleaning materials		Nos	Yes	As required
39	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sample leather defects material	1	Nos	Yes	As required
40	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Hammer	5	Nos	Yes	As required
41	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Grinder	1	Nos	Yes	As required
42	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Skiving machine	1	Nos	Yes	As required
43	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Splitting machine	1	Nos	Yes	As required
44	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Allen key set	3	Nos	Yes	As required
45	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Spiral Set	3	Nos	Yes	As required
46	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Oil can	2	Nos	Yes	As required
47	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Emery paper	6	Nos	Yes	
48	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Gimping tools	2 sets	Nos	Yes	
49	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Revolving punch	4	Nos	Yes	
50	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Mecca knife	10	Nos	Yes	
51	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Fibre board	1	Nos	Yes	



52	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Iron box	2	Nos	Yes	
53	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Rotating Ironing machine	1	Nos	Yes	As required
54	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pattern	2	Nos	Yes	As required
55	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Eraser	2	Nos	Yes	As required
56	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Bowl	5	Nos	Yes	As required
57	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Foam	5	Nos	Yes	
58	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Color	1	Nos	Yes	As required
59	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Small brush	5	Nos	Yes	As required
60	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sponge	2	Nos	Yes	As required
61	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Bud	2	Nos	Yes	As required
62	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Soft cloth	5	Nos	Yes	As required
63	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pasting can	2	Nos	Yes	As required
64	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Brush	3	Nos	Yes	As required
65	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pasting machine	1	Nos	Yes	As required
66	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Crepe rubber	Each one	Nos	Yes	As required
67	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Silk	1	Nos	Yes	
68	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Self-tape	1	Nos	Yes	
69	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	folding hammer	2	Nos	Yes	
70	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Folding machine	1	Nos	Yes	As required
71	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Marking awl	1	Nos	Yes	As required
72	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Eyelet setter	10	Nos	Yes	As required
73	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Eyelet riveting machine	5	Nos	Yes	As required

74	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Post bed sewing machine	2	Nos	Yes	As required
75	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Flat bed sewing machine	1	Nos	Yes	As required
76	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cylinder bed type sewing machin	1	Nos	Yes	As required
77	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Stitching awl	3	Nos	Yes	As required
78	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pricking awl	5	Nos	Yes	As required
79	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Lasting pincers	1	Nos	Yes	
80	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Shoe hammer	5	Nos	Yes	As required
81	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Channel opener	2	Nos	Yes	As required
82	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Edge setting iron	3	Nos	Yes	As required
83	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Welt knife	1	Nos	Yes	As required
84	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Heel iron	1	Nos	Yes	As required
85	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Nail puller	1	Nos	Yes	As required
86	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Manchester nippers	1	Nos	Yes	As required
87	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Dendrite paste	5	Nos	Yes	As required
88	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Pasting brushes	2	Nos	Yes	As required
89	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Last	5	Nos	Yes	As required
90	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Upper	10	Nos	Yes	As required
91	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Tack hammer		Nos	Yes	As required
92	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Last working mallet	1	Nos	Yes	As required
93	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Nails	5	Nos	Yes	As required
94	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	PU adhesive	1	Nos	Yes	As required
95	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Brush	1	Nos	Yes	As required

96	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Toe cap	1	Nos	Yes	As required
97	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Foam	3	Nos	Yes	As required
98	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Counter tightening machine	1	Nos	Yes	As required
99	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Toe moulding machine	1	Nos	Yes	As required
100	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Forepart lasting machine	1	Nos	Yes	As required
101	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Seat and side lasting machine	1	Nos	Yes	As required
102	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Roughing machine	1	Nos	Yes	As required
103	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sole pressing machine	1	Nos	Yes	As required
104	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	De-lasting machine	1	Nos	Yes	As required
105	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Tape	2	Nos	Yes	As required
106	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Blower	2	Nos	Yes	As required
107	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Shoe brush	2	Nos	Yes	As required
108	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Thread,	2	Nos	Yes	As required
109	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Shank	5	Nos	Yes	As required
110	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Buffing machine	1	Nos	Yes	As required
111	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Injection moulding machine	1	Nos	Yes	As required
112	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Sole edge trimming machine	1	Nos	Yes	As required
113	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Heel trimming machine	1	Nos	Yes	As required
114	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Heating oven/chamber	1	Nos	Yes	As required
115	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Stamping machine	1	Nos	Yes	As required
116	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Shoe and Sole	2	Nos	Yes	

117	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Brushing machine	2	Nos	Yes	
118	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Stiff Bristle Brush	1	Nos	Yes	
119	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Dauber Brush	Each one	Nos	Yes	
120	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Filler wax	1	Nos	Yes	As required
121	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Base Polish	1	Nos	Yes	As required
122	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Paper stuffing	2	Nos	Yes	As required
123	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Shoe stick	1	Nos	Yes	As required
124	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Size tag	1	Nos	Yes	As required
125	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Wrapping paper	10	Nos	Yes	As required
126	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Cartons	5	Nos	Yes	As required
127	LSSC	LSS/Q3102	Line Supervisor(Footwear)	5	Price tags	2	Nos	Yes	As required

## **FURTHER LEARNING PATHWAYS**

A candidate after completing the apprenticeship can be Skilled horizontally in various segments like Line Supervisor, Quality control inspector, Production Manager(footwear).&Quality Control Manager(footwear)

### **Employment opportunities:**

**Apart from above mentioned avenues, the apprentice can always aspire to be one of the following as stated below:**

- 1) **Footwear manufacturing units in India:** The apprentice may be employed with the biggest player of the trades and be a part of their manufacturing set and deliver quality work.
- 2) **Footwear manufacturing set up/ Retail Unit:** The apprentice may be encouraged to set up their own manufacturing unit, which they may also channelize into owning a retail unit and be able to sell their merchandise directly to the consumers.
- 3) **Education and Training:** They may also take up the role of the instructor in this field where they can impart their manufacturing knowledge to the aspiring students.

## **INFRASTRUCTURE FOR ON-JOB TRAINING**

### **TRADE: LINE SUPERVISOR (FOOTWEAR)**

#### **For a Batch of 30 APPRENTICES**

Actual training will depend on the existing facilities available in the establishments. However, the industry should ensure that the broad skills defined against On-Job Training part (i.e. 9 months) are imparted. In case of any short fall the concern industry may impart the training in cluster mode/ any other industry/ at any set up.

## **GUIDELINES FOR INSTRUCTORS AND PAPER SETTERS**

Due care to be taken for proper & inclusive training delivery in the batch.

1. Some of the following method of delivery may be adopted:
  - a. LECTURE
  - b. LESSON
  - c. DEMONSTRATION
  - d. PRACTICE
  - e. GROUP DISCUSSION
  - f. DISCUSSION WITH PEER GROUP
  - g. PROJECT WORK
  - h. STORE VISIT
2. Maximum utilization of latest form of training viz., audio visual aids, integration of IT, etc. may be adopted.
3. The total hours to be devoted against each topic may be decided with due diligence to safety & with prioritizing transfer of required skills.



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