

CURRICULUM FOR

THE TRADE OF

QUALITY CONTROL INSPECTOR
(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 22nd 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 Cutting (Footwear)

Need for executives with sound knowledge to ensure quality at all stages of footwear manufacturing, leading to overall quality of footwear, is not effectively met with any of the current training interventions. It is realized that any executive getting into quality 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 Cutter – Footwear (PMKVY role) and Quality Control Inspector – Footwear is taken up to ensure supply of job ready quality control inspectors to the industry.

JOB ROLE: Description

PMKVY Role

A Cutter-Footwear works, mainly, with machine and hand tools to cut the pieces from leather sheets as per the design specification and sample. A cutter lays out, marks, and cuts leather or non-leather material into parts for articles using cutting dies. The critical component of the role is to position leather/non-leather for cutting to ensure good number and quality of cut pieces.

In addition to the above, Cutter (Footwear) possess good hand-eye coordination and judgement in positioning and cutting. Also, should have basic estimation and numerical skills along with ability to choose the correct leather/ non-leather parts for different components.

Role identified as per career progression

A Quality Control Inspector (Footwear) performs various checks and inspects the quality of the product at various stages of production. He also ensures the quality of the raw material received and is responsible for maintaining the quality at each stage till the final stage of packing.

In addition to the above, Quality Control Inspector (Footwear) needs to have an eye for detail. While performing the duties of this job, the employee is regularly required to stand, walk, and sit for extended periods of time.

GENERAL INFORMATION


1. Name of the Trade : QUALITY CONTROL INSPECTOR
(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 10th 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: -

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

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

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** : Cutter (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. **InstructorQualification** :

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

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack "LSS/Q2301, Version 1.0".
2	Personal Attributes	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	Minimum Educational Qualifications	10 th with 18 months certificate course in Footwear (any) and above
4a	Domain Certification	Certified for Job Role: Cutter (Footwear): Component mapped to QP: "LSS/Q2301, 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	Platform Certification	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	Experience	Minimum 6 years site experience with Cutter (Footwear) Level-4 qualified.

Basic Training: Cutter (Footwear) – LSS/Q2301

MODEL CURRICULUM

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

Program Name	Cutter (Footwear)		
Qualification Pack Name & Reference ID	LSS/Q2301, V1.0		
Version No.	1.0	Version Update Date	15-06-2016
Pre-requisites to Training	Class V		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none">• Gain knowledge on overview of leather industry and generic skills: 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.• Perform pre-operational activities: Identification of tool and quality material, ensure design, style, dimensions required for cutting leather, endure necessary preparation required for cutting leather and follow standard procedure for cutting leather.• Learn and perform cutting operation: Carry out hand cutting and machine cutting of leather.• Handle work area, tools and machines appropriately: Ensure correct handling of material, tools and machines, maintain clean and hazard free work area, proper usage of cleaning equipment, maintain correct usage of workplace tools and equipment.• Contribute to achieve quality product in cutting process: Ensure cutting parts produced according to specification/ sample leather swatch/sample upper/shoe as per customer/ buyer requirement, ensure maximum usage of cut components with minimal wastages, carry out regular quality checks and fault identification in final product and maintain records and documents.• Become well versed with environment, health, safety & security at work: Well versed with health and safety measures in terms of personal safety and equipment safety relevant to cutting occupation.• Follow industrial regularity and organizational requirements: Carry out work in accordance with organizational guidelines and procedures, identify and report any possible deviation.		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	Introduction to Trade and Opportunities Theory Duration (hh:mm) 12:00 Practical Duration (hh:mm) 10:00 Corresponding NOS Code Core skills/ Generic skills and Professional skills collated from all the NOS of the QP	<ul style="list-style-type: none"> • Explain the importance of leather industry and describe leather manufacturing process • Explain general hazards or risk that can lead to accidents • Follow basic safety, health and hygiene measures • Wear and use PPE for safety • Carry out communication effectively with co-workers in writing as well as orally • Read the documents that are necessary for them to read to carry out operator's task 	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	Cutting operations Theory Duration (hh:mm) 11:00 Practical Duration (hh:mm) 373:00 Corresponding NOS Code LSS/N2301	<ul style="list-style-type: none"> • Identify tools and quality of materials required for leather cutting • Illustrate footwear designs, styles and dimensions required for cutting leather for producing footwear • Ensure necessary preparation required for cutting leather • Ensure direction placement of cutting dies for different skins • Comply with health, safety, environment guidelines, regulations etc. in accordance with international/national standards or organizational SOP • Perform Hand cutting operation • Perform Machine cutting operation 	Cutting knife, Hammer, Leather, Revolving punch, Punches, Scissors, Clicking Awl, Hydraulic clicking press, Cutting Mat, Oil stone, Tracing wheel, Compass, Cutting dies, Stainless steel, Scale, Screwdriver, Garbage bins, Dust pan with handle and broom, Water Bucket, Cutting pier, Cleaning brush, Wooden tray, Leather, Non leather, Dispenser with cello tape, Pencil, Plastic tray, White pencils, Silver refill, Chart paper
3	Product quality in cutting processes Theory Duration (hh:mm) 02:00 Practical Duration (hh:mm) 30:00 Corresponding NOS Code LSS/N2302	<ul style="list-style-type: none"> • Ensure cutting parts produced according to specification/ sample leather swatch/sample upper/shoe as per customer/ buyer requirement • Ensure maximum usage of cut components with minimal wastages • Carry out regular quality checks and fault identification in work in process/ final product • Maintain records and documents 	Sample leather defects material, Leather thickness measuring gauge, Gloves, Helmet, Safety shoe, Ear plug, Apron, Goggles
4	Work area, tool and machine maintenance	<ul style="list-style-type: none"> • Ensure housekeeping and safety • Maintain workplace, tools and equipment 	Gloves, Helmet, Safety shoe, Ear

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Theory Duration (hh:mm) 04:00 Practical Duration (hh:mm) 20:00 Corresponding NOS Code LSS/N8501	<ul style="list-style-type: none"> Identify the material requirements for cleaning the areas inspected by, considering risk, time, efficiency and type of stain Ensure that the cleaning equipment is in proper working condition Plan the sequence for cleaning the area to avoid re-soiling clean areas and surfaces Display the appropriate signage for the work being conducted 	plug, Apron, Goggles, Cleaning cloth, Water bucket, Cleaning materials, Mop, Dust bin, Broom
5	Health, Safety and Security Requirements at Workplace Theory Duration (hh:mm) 10:00 Practical Duration (hh:mm) 25:00 Corresponding NOS Code LSS/N8601	<ul style="list-style-type: none"> Identify and correct (if possible) malfunctions in machinery and equipment Minimize health and safety risks to self and others due to own actions Monitor the workplace and work processes for potential risks and threats Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned Undertake first aid, fire-fighting and emergency response training, if asked to do so Take action based on instructions in the event of fire, emergencies or accidents Follow organisation procedures for shutdown and evacuation when required 	First aid kit, Fire extinguisher, PPE Set
6	Industry, Regulatory and Ethical Requirements Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 02:00 Corresponding NOS Code LSS/N8701	<ul style="list-style-type: none"> Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures Apply and follow policies and procedures within your work practices Identify and report any possible deviation to ethical requirements 	Sample legal documents
	Total Duration Theory Duration 40:00 Practical Duration 460:00	Unique Equipment Required: 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, Screwdriver, 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 and sample legal documents	

Grand Total Course Duration: 500 Hours, 0 Minutes

ASSESSMENT CRITERIA

Assessment Criteria	
Job Role	Cutter (Footwear)
Qualification Pack	LSS/Q2301, V1.0
Sector Skill Council	Leather

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	Skills Practical
1. LSS/N2301: Carry out cutting operations	PC1. Make sure the work area is free from hazards	100	2	0	2
	PC2. Follow the instructions given on the work ticket or job card in line with the responsibilities of the job role		1	0	1
	PC3. Ask questions to obtain more information on tasks when the instructions are unclear		1	0	1
	PC4. Agree and review the agreed upon work targets with the supervisor and check for special instructions, if any		1	0	1
	PC5. Use the correct tools and equipment		6	5	1
	PC6. Check that equipment is safe and set up in readiness for use		1	0	1
	PC7. Select the correct component parts for the style being worked on		2	0	2
	PC8. Check that the materials to be used are free from faults		1	0	1
	PC9. Ensure the materials used meet the specification in terms of colour matching within a product/ between a pair of products, where applicable		7	5	2
	PC10. Report faults in the materials		1	0	1
	PC11. Carry out foundation footwear operations safely and at a rate which maintains work flow and meets production targets		2	0	2
	PC12. Process component parts to the quality standard required		2	0	2
	PC13. Correct work that does not conform to company quality standards		2	0	2
	PC14. Report any damaged work to the supervisor/ quality controller		1	0	1
	PC15. Report risks/ problems likely to affect services to the relevant person promptly and accurately		1	0	1
	PC16. Follow company reporting procedures about defective tools and machines which affect work		1	0	1
	PC17. Follow and utilize opportunities for learning		2	0	2
	PC18. Update and develop knowledge of the products		2	0	2
	PC19. Check with others when unsure of new product details		2	0	2
	PC20. Sort and place work to assist with the next stage of production and minimise the risk of damage		2	0	2
	PC21. Seek feedback from team mates on work related performance		1	0	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC22. Ask for help and information from the colleagues, when necessary, in a polite manner		1	0	1
	PC23. Anticipate and respond to requests for assistance from colleagues willingly and politely		1	0	1
	PC24. Leave work area safe and secure when work is complete		1	0	1
	PC25. Complete forms, records and other documentation		1	0	1
	PC26. Work in conformance to legal requirements, organizational policies and procedures		1	0	1
	PC27. Make sure the work area is free from hazards		2	0	2
	PC28. Obtain and check the data on the work ticket or job card and carry out functions in line with the responsibilities of the job role		1	0	1
	PC29. Ask questions to obtain more information on tasks when the instructions are unclear		1	0	1
	PC30. Calculate the number of components needed for production		1	0	1
	PC31. Select the tools and materials for the work		1	0	1
	PC32. Set up the equipment		1	0	1
	PC33. Make sure that tools are safe and clean to use on the material		1	0	1
	PC34. Check the quality and characteristics of the material match the required standards before starting to cut		1		1
	PC35. Use tools and equipment for hand or machine cutting		1	0	1
	PC36. Make sure that when cutting the material <ul style="list-style-type: none"> Avoid damaging self and others Avoid damage to the knife and other equipment 		2	0	2
	PC37. Avoid any imperfections in the material when cutting		1	0	1
	PC38. Calculate the components required		7	5	2
	PC39. Agree and review the agreed upon work targets with the supervisor		1	0	1
	PC40. Seek feedback from team mates on work related performance		1	0	1
	PC41. Ask for help and information from the colleagues, when necessary, in a polite manner		7	5	2
	PC42. Anticipate and respond to requests for assistance from colleagues willingly and		1	0	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	politely				
	PC43. Follow and utilize opportunities for learning		1	0	1
	PC44. Update and develop knowledge of the products		1	0	1
	PC45. Minimise wastage		1	0	1
	PC46. Meet company usage tolerances for efficient pattern interlocking		1	0	1
	PC47. Report risks/ problems likely to affect services to the relevant person promptly and accurately		1	0	1
	PC48. Check with others when unsure of new product details		1	0	1
	PC49. Identify and respond to imperfections, defects and damage due to mishandling		1	0	1
	PC50. Produce the required batch of components to match the job card and the company's production targets		6	5	1
	PC51. Report defects in the tools and equipment that do not have the authority to repair		1	0	1
	PC52. Dispose of waste materials safely and return re-useable materials		6	5	1
	PC53. Carry out closedown procedures on completion of work		1	0	1
	PC54. Make sure that the cut material is <ul style="list-style-type: none"> Correctly sorted to assist the next stage of production Carefully placed to minimize the risk of damage 		1	0	1
	PC55. Complete forms, records and other documentation		1	0	1
	PC56. Work in conformance to legal requirements, organizational policies and procedures		1	0	1
	Total		100	30	70
2. LSS/N2302: Contribute to achieving product quality in cutting processes	PC1. Set up and test equipment to meet quality standard	50	1	0	1
	PC2. Ensure materials and component parts meet specifications		1	0	1
	PC3. Ensure the quality of the product meets specification during production		6	5	1
	PC4. Maintain the required productivity and quality levels		6	5	1
	PC5. Carry out quality checks at agreed intervals and in the approved way		6	5	1
	PC6. Apply the allowed tolerances		6	5	1
	PC7. Report and replace faulty materials and component parts which do not meet specification		2	0	2

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC8. Identify process problems that effect product quality and report them promptly to appropriate people		7	5	2
	PC9. Maintain the continuity of production with minimum interruptions and downtime		6	5	1
	PC10. Identify faults and irregularities in equipment and machinery and take action within the limits of the responsibility		1	0	1
	PC11. Identify faults in finished products and trace their causes		1	0	1
	PC12. Follow reporting procedures where the cause of faults cannot be identified		6	5	1
	PC13. Maintain records and documentation		1	0	1
	Total		50	35	15
3. LSS/N8501: Maintain the work area, tools and machines	PC1. Handle materials, machinery, equipment and tools safely and correctly	50	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
	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		1	0	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	and/or cleaning outside your area of responsibility				
	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
	Total		50	15	35
4. LSS/N8601: Maintain health, safety and security at workplace	PC1. Comply with health and safety related instructions applicable to the workplace	25	6	5	1
	PC2. Use and maintain personal protective equipment as per protocol		0.5	0	0.5
	PC3. Carry out own activities in line with approved guidelines and procedures		0.5	0	0.5
	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants		0.5	0	0.5
	PC5. Follow environment management system related procedures		5.5	5	0.5
	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		0.5	0	0.5
	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		1	0	1
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		1	0	1
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		1	0	1
	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		1	0	1
	PC18. Follow organization procedures for shutdown and evacuation when required		1	0	1
	Total		25	10	15

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
5. LSS/N8701: Comply with industry, regulatory and organizational requirements	PC1. Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures	25	8	5	3
	PC2. Seek and obtain clarifications on policies and procedures, from the supervisor or other authorized personnel		8	5	3
	PC3. Apply and follow these policies and procedures within the work practices		3	0	3
	PC4. Provide support to the supervisor and team members in enforcing these considerations		3	0	3
	PC5. Identify and report any possible deviation to these requirements		3	0	3
	Total		25	10	15
	Grand Total	250	250	100	150
	Percentage weightage:			40%	60%
	Minimum pass % to qualify (aggregate):			50%	

EQUIPMENT LIST

CUTTER (FOOTWEAR) – LSS/Q2301

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/Q2301	Cutter (Footwear)	4	Scissors	10	Nos	Yes	150mm and 300mm
2	LSSC	LSS/Q2301	Cutter (Footwear)	4	Measuring tape	2	Nos	Yes	Standard
3	LSSC	LSS/Q2301	Cutter (Footwear)	4	Steel rule	2	Nos	Yes	Stainless Steel 6" - 15 NOS & 12 "
4	LSSC	LSS/Q2301	Cutter (Footwear)	4	Hand clicking knife	5	Nos	Yes	Stainless Steel
5	LSSC	LSS/Q2301	Cutter (Footwear)	4	Hammer	2	Nos	Yes	100 gms, 200 gms, 300 gms and 500 gms
6	LSSC	LSS/Q2301	Cutter (Footwear)	4	Compass	2	Nos	No	Standard
7	LSSC	LSS/Q2301	Cutter (Footwear)	4	White pencil	30	Nos	Yes	Drawing pencil
8	LSSC	LSS/Q2301	Cutter (Footwear)	4	Cutting knife	5	Nos	Yes	Stainless steel
9	LSSC	LSS/Q2301	Cutter (Footwear)	4	Punches	3	Set	Yes	Size - 00, 0,1,2,3 and 4
10	LSSC	LSS/Q2301	Cutter (Footwear)	4	Clicking Awl	5	Nos	Yes	Tempered sharp steel needle with wooden handle
11	LSSC	LSS/Q2301	Cutter (Footwear)	4	Hydraulic clicking press	1	Nos	Yes	Cutting Table width – 800mm x 400mm / 1000mm x 500mm
12	LSSC	LSS/Q2301	Cutter (Footwear)	4	Cutting Mat	5	Nos	Yes	3.5 x 4.5 ft
14	LSSC	LSS/Q2301	Cutter (Footwear)	4	Oil stone	2	Nos	Yes	Standard
15	LSSC	LSS/Q2301	Cutter (Footwear)	4	Tracing wheel	3	Nos	Yes	Standard
16	LSSC	LSS/Q2301	Cutter (Footwear)	4	Cutting dies	1	Set	Yes	Different shapes (big, small, medium)

17	LSSC	LSS/Q2301	Cutter (Footwear)	4	Screwdriver	1	Set	Yes	Small size and long size
18	LSSC	LSS/Q2301	Cutter (Footwear)	4	Cutting plier	1	Set	Yes	8 Inch
19	LSSC	LSS/Q2301	Cutter (Footwear)	4	Leather thickness measuring gauge	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> 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/cm² Throat depth: 50 mm
20	LSSC	LSS/Q2301	Cutter (Footwear)	4	Garbage Bins	3	Nos	Yes	30 lts capacity
21	LSSC	LSS/Q2301	Cutter (Footwear)	4	Dust Pan with Handle & Broom	1	Nos	Yes	Long handle
22	LSSC	LSS/Q2301	Cutter (Footwear)	4	Dry and wet mob	Each one	Nos	Yes	Long handle
23	LSSC	LSS/Q2301	Cutter (Footwear)	4	Water Bucket	1	Nos	Yes	20 lts capacity
24	LSSC	LSS/Q2301	Cutter (Footwear)	4	PPE set	2	Nos	Yes	Standard
25	LSSC	LSS/Q2301	Cutter (Footwear)	4	First aid kit	1	Nos	Yes	Standard
26	LSSC	LSS/Q2301	Cutter (Footwear)	4	Fire Extinguisher	1	Nos	Yes	ABC Type

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>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Identify personal strengths and value systems: safe work habits, achievement motivation, time management, anger management, stress management. • Recall important tenets of digital literacy: fundamentals of computer terminology, parts of a computer and a keyboard, main applications of MS Office. • Discuss the essentials of matters pertaining to money: saving money, bank accounts, types of costs, investment options, insurance products, taxes. • Prepare for employment and self-employment: preparing for an interview, effective resume writing, basic workplace terminology. • Illustrate the basics of entrepreneurship and identify new business opportunities: effective leadership, effective speaking, effective listening, problem solving, business opportunities, types of entrepreneurs, entrepreneurial process and ecosystem, resilient entrepreneurs 		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	Introduction Theory Duration (hh:mm) 00:30 Practical Duration (hh:mm) 00:00	<ul style="list-style-type: none"> Recognize the importance of general discipline in the class room (dos and don'ts) List expectations from the program Outline the objectives of the program 	Laptop, white board, marker, projector
2	Personal Strengths and Value Systems Theory Duration (hh:mm) 04:00 Practical Duration (hh:mm) 04:00	<ul style="list-style-type: none"> Identify common health issues and tips to prevent them Discuss critical safety habits to be followed by employees Understand motivation with the help of Maslow's Hierarchy of Needs List the characteristics of entrepreneurs with achievement motivation Discuss how to maintain a positive attitude Discuss the role of attitude in self- analysis List your strengths and weaknesses Describe the importance of honesty in entrepreneurs List the characteristics of highly creative and innovative people Discuss the benefits of time management List the traits of effective time managers Apply effective time management techniques Apply tips for anger management and stress management 	Workbook exercises on health standards, Laptop, activity on strengths and weaknesses, white board, marker, projector
3	Digital Literacy: A Recap Theory Duration (hh:mm) 01:00 Practical Duration (hh:mm) 03:00	<ul style="list-style-type: none"> Identify the basic parts of a computer and keyboard Recall basic computer terminology Identify the functions of basic computer keys Discuss the main applications of MS Office Discuss the benefits of Microsoft Outlook Identify the different types of e- commerce Explain the benefits of e-commerce for retailers and customers Discuss how the Digital India campaign will help boost e-commerce in India Describe how you will sell a product or service on an e-commerce platform Elaborate on the need for digital transactions Identify the modes of digital transactions Explain the uses of digital transactions 	Laptop, white board, marker, projector, CPU, Monitor, keyboard, mouse, MS Office software, E-Wallet soft wares such as PayTM, SBI buddy etc.
4	Money Matters Theory Duration (hh:mm) 06:00 Practical Duration (hh:mm)	<ul style="list-style-type: none"> Recognize the importance and benefits of saving money Discuss the main types of bank accounts Illustrate the process of opening a bank account Differentiate between fixed and variable costs Describe the main types of investment options Identify the different types of insurance 	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	products and types of taxes <ul style="list-style-type: none"> Discuss the uses of online banking Describe the main types of electronic funds transfers 	document, bank opening form (can be downloaded from the Internet)
5	Preparing for Employment and Self-Employment Theory Duration (hh:mm) 02:00 Practical Duration (hh:mm) 04:00	<ul style="list-style-type: none"> Follow the steps to prepare for an interview Create an effective Resume Identify the most frequently asked interview questions Discuss how to answer the most frequently asked interview questions Identify basic workplace terminology 	Laptop, white board, marker, projector, sample CVs, Mock interviews, role plays, role play briefs, FAQs, quiz on basic workplace technologies
6	Entrepreneurship Theory Duration (hh:mm) 04:30 Practical Duration (hh:mm) 09:00	<ul style="list-style-type: none"> Discuss the concept and significance of entrepreneurship and the characteristics of an entrepreneur List the qualities of an effective leader and the benefits of effective leadership List the traits of an effective team Apply techniques of effective listening Apply techniques of effective speaking Solve problems by identifying important problem-solving traits Discuss how to identify new business opportunities within your business Describe the different types of entrepreneurs State the characteristics of entrepreneurs Recall entrepreneur success stories Follow the entrepreneurial process and explain the entrepreneurship ecosystem Recognize the purpose of the Make in India campaign Identify key schemes to promote entrepreneurs Define the relationship between entrepreneurship and risk appetite and entrepreneurship and resilience Discuss the characteristics of a resilient entrepreneur Identify techniques of dealing effectively with failure 	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
	Total Duration Theory Duration 18:00 Practical Duration 22:00	Unique Equipment Required: 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** : Quality Control Inspector (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: “Quality Control Inspector (Footwear)”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “LSS/Q3101, Version 1.0”.
2	Personal Attributes	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	Minimum Educational Qualifications	Diploma or B.Tech in leather footwear technology
4a	Domain Certification	Certified for Job Role: “Quality Control Inspector (Footwear)”, mapped to QP: “LSS/Q3101, Version 1.0”. The minimum accepted score should be as per the decision of the respective SSC guidelines.
4b	Platform Certification	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	Experience	Prior experience as an operator for a minimum of 3-4 years or as a supervisor for 1-2 years in footwear manufacturing

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 lasting and sole pressing machine
7. Develop the skill of sole pressing and finishing operations
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

Quality Control Inspector (Footwear) – LSS/Q3101

Model Curriculum

Key Learning Outcomes:

Program Name	Quality Control Inspector (Footwear)		
Qualification Pack Name & Reference ID	LSS/Q3101, V1.0		
Version No.	1.0	Version Update Date	Not Applicable
Pre-requisites to Training	Certification training in footwear manufacturing preferred		
Training Outcomes	After completing this programme, participants will be able to: <ul style="list-style-type: none">• Gain knowledge on overview of leather industry and generic skills: 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.• Check quality of product after footwear manufacturing process: Ensure quality control inspection in footwear manufacturing by using appropriate machineries, tools, equipment and processes• Become well versed with environment, health, safety & security at work: Well versed with health and safety measures in terms of personal safety and equipment safety relevant to cutting occupation.• Follow industrial regularity and organizational requirements: Carry out work in accordance with organizational guidelines and procedures, identify and report any possible deviation.		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
Week 1	Quality Check during Cutting operation Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	The trainee will be able to Explain: <ul style="list-style-type: none"> Quality checking measures during clicking process Checking of various types of dyes Organization's standard operating procedures Clicking defects and handling defects How to identify the process and product problems The escalation hierarchy The trainee will be able to: <ul style="list-style-type: none"> Inspect the work area is free from hazards as per the safety norm of the organization Inspect the work area and check for the cleanliness and as per the organizational standards 	Sample leather defects material after cutting, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 2	Quality Check during Cutting operation Session 2 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Obtain and check the production plan and ensure that the work is carried out as per the quality specifications mentioned Inspect and check the quality during the clicking process 	Sample leather defects material after cutting, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 3	Quality Check during Cutting operation Session 3 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Inspect and randomly check if the semi-finished products are free from defects after clicking process Inspect and handle damages as per the quality standards 	Sample leather defects material after cutting, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 4	Quality Check during Cutting operation Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm)	The trainee will be able to: <ul style="list-style-type: none"> Reject the semi-finished products which do not meet the quality specifications Ensure the parameters are set as per the manufacturers instruction 	Sample leather defects material after cutting, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	40:00 Corresponding NOS Code LSS/N3101		
Week 5	Quality Check during Cutting operation Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure the quality of the semi-finished products is as per the specified quality standards • Ensure that the semi-finished product is free from production and handling damages 	Sample leather defects material after cutting, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 6	Quality Check during Skiving operation Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	The trainee will be able to explain: <ul style="list-style-type: none"> • The different types of faults likely to be found in the skiving process and methods to fix them • The different techniques and methods used to detect faults in the skiving process • The inspection methods that can be used • Importance of product checks • The acceptable solutions for particular faults • The consequences of not rectifying problems • The types of adjustments suitable for specific types of faults • Allowed tolerances • Difference between correctable and non-correctable faults The trainee will be able to: <ul style="list-style-type: none"> • Check thickness of the skived components accurately • Ensure the skiving is done accurately according to the specifications • Ensure the optimum condition of the disk knife 	Sample leather defects material after skiving, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 7	Quality Check during Skiving operation Session 2 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure skiving is uniform even along the curvy edges • Check the performance of the machine for signs of faulty operations and take action in accordance with workplace procedures • Ensure materials and component parts meet specifications 	Sample leather defects material after skiving, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron

Sr. No.	Module	Key Learning Outcomes	Equipment Required
Week 8	Quality Check during Skiving operation Session 3 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Report and replace faulty materials and component parts which do not meet specification Report faults outside personal responsibility to the appropriate person Identify faults in materials and products 	Sample leather defects material after skiving, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 9	Quality Check during Skiving operation Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Identify causes of faults to maintain product quality Follow reporting procedures where the cause of faults cannot be identified Maintain the required productivity and quality levels 	Sample leather defects material after skiving, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 10	Quality Check during Skiving operation Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Carry out quality checks at agreed intervals and in the approved way Identify process problems that effect product quality and report them promptly to appropriate people Identify faults in finished products and trace their causes 	Sample leather defects material after skiving, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 11	Quality Check during Pre-assembly operations Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code	The trainee will be able to explain: <ul style="list-style-type: none"> The different types of faults likely to be found in the pre-assembly operations and methods to fix them Different types of leather and lining Importance/ properties of adhesives Impact of adhesives getting spilt on the uppers Exact positioning of back strap Importance of inserting the eyelets at the exact position Process to identify materials which do not conform to requirements and how to report 	Sample leather defects material after pre-assembly operations, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	LSS/N3101	<p>them to appropriate people</p> <ul style="list-style-type: none"> The causes of lost production and material wastage Process to maintain the flow of production The importance of achieving quality and its relation to the end user/customer <p>The trainee will be able to:</p> <ul style="list-style-type: none"> Ensure materials and component parts meet specifications Ensure the quality of the product meets specification during production Maintain the required productivity and quality levels 	
Week 12	<p>Quality Check during Pre-assembly operations Session 2</p> <p>Theory Duration (hh:mm) 00:00</p> <p>Practical Duration (hh:mm) 40:00</p> <p>Corresponding NOS Code LSS/N3101</p>	<p>The trainee will be able to:</p> <ul style="list-style-type: none"> Carry out quality checks at agreed intervals and in the approved way Count and verify the number of uppers are as per job card at the start and end of every stage in the processes Ensure that the quality and appearance of the uppers are not affected during materials movement 	Sample leather defects material after pre-assembly operations, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 13	<p>Quality Check during Pre-assembly operations Session 3</p> <p>Theory Duration (hh:mm) 00:00</p> <p>Practical Duration (hh:mm) 40:00</p> <p>Corresponding NOS Code LSS/N3101</p>	<p>The trainee will be able to:</p> <ul style="list-style-type: none"> Report and replace faulty materials and component parts which do not meet specification Identify faults and irregularities in equipment and machinery and report to the superior Ensure the components are split as per the thickness specified in the job card 	Sample leather defects material after pre-assembly operations, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 14	<p>Quality Check during Pre-assembly operations Session 4</p> <p>Theory Duration (hh:mm) 00:00</p> <p>Practical Duration (hh:mm) 40:00</p>	<p>The trainee will be able to:</p> <ul style="list-style-type: none"> Ensure the gimped uppers conform to the curves as specified in the job card Ensure that the ironing is done properly and there are no pleats/ wrinkles Ensure that the uppers are correctly marked as per the design specified 	Sample leather defects material after pre-assembly operations, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Corresponding NOS Code LSS/N3101		
Week 15	Quality Check during Pre-assembly operations Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure the edge color is done correctly and smoothly and should be matching exactly to the concerned uppers • Ensure the folding is done exactly as per the basic design • Ensure the eye-letting is done at the proper position as specified in the job card 	Sample leather defects material after pre-assembly operations, Leather thickness measuring gauge, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 16	Quality Check during stitching operation Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	The trainee will be able to Explain: <ul style="list-style-type: none"> • Quality checking process during stitching process • The various types of stitching required by various products • Organization's standard operating procedures • Stitching defects and handling defects • How to identify the process and product problems • The escalation hierarchy The trainee will be able to: <ul style="list-style-type: none"> • Inspect the work area is free from hazards as per the safety norm of the organization • Inspect the work area and check for the cleanliness and as per the organizational standards 	Sample leather defects material after stitching operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 17	Quality Check during stitching operation Session 2 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Obtain and check the production plan and ensure that the work is carried out as per the quality specifications mentioned 	Sample leather defects material after stitching operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 18	Quality Check during stitching operation Session 3 Theory Duration (hh:mm) 00:00	The trainee will be able to: <ul style="list-style-type: none"> • Inspect and check the quality during the stitching process • Inspect and randomly check if the semi-finished products are free from defects after stitching process 	Sample leather defects material after stitching operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101		plug, Apron
Week 19	Quality Check during stitching operation Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Inspect and handle damages as per the quality standards Reject the semi-finished products which do not meet the quality specifications Ensure the parameters are set as per the manufacturers instruction 	Sample leather defects material after stitching operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 20	Quality Check during stitching operation Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Ensure the quality of the semi-finished products is as per the specified quality standards Ensure that the semi-finished product is free from production and handling damages Give feedback on the quality of the product on the continuous basis 	Sample leather defects material after stitching operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 21	Quality Check during Lasting operation Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	The trainee will be able to Explain: <ul style="list-style-type: none"> Quality checking process during lasting process Organization's standard operating procedures Lasting defects and handling defects How to identify the process and product problems The escalation hierarchy The trainee will be able to: <ul style="list-style-type: none"> Set up and test machines to ensure correct operation 	Leather crockmeter, Flexometer, Lasto meter, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 22	Quality Check during Lasting operation Session 2 Theory Duration (hh:mm)	The trainee will be able to: <ul style="list-style-type: none"> Operate the machine in accordance with machine and workplace standards Ensure the last and upper is placed appropriately in the machines 	Leather crockmeter, Flexometer, Lasto meter, Sample leather defects material after lasting operations, Steel

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	<ul style="list-style-type: none"> Ensure creases do not appear on the inside of the back portion of the upper while counter tightening 	scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 23	Quality Check during Lasting operation Session 3 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Ensure the shape of the shoe is retained during toe moulding operation Ensure pleats do not appear in the seat portion of the lasted upper after seat lasting process Selection of appropriate lasts as per the sizes 	Leather crockmeter, Flexometer, Lasto meter, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 24	Quality Check during Lasting operation Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Ensuring the quality of the lasting as per the specifications and the standards Roughing as per the specifications and ensure the upper of shoe is free from roughing damages 	Leather crockmeter, Flexometer, Lasto meter, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 25	Quality Check during Lasting operation Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Check the performance of the machine for signs of faulty operations and take action in accordance with workplace procedures Ensure materials and component parts meet specifications Maintain the required productivity and quality levels Carry out quality checks at agreed intervals and in the approved way 	Leather crockmeter, Flexometer, Lasto meter, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 26	Quality Check during Moulding Operations Session 1 Theory Duration	The trainee will be able to Explain: <ul style="list-style-type: none"> Quality checking process during moulding process Organization's standard operating procedures 	Stage wise inspection PU moulding machine, Toe cap

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	(hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	<ul style="list-style-type: none"> Molding defects and handling defects How to identify the process and product problems The escalation hierarchy The trainee will be able to: <ul style="list-style-type: none"> Inspect the work area is free from hazards as per the safety norm of the organization Inspect the work area and check for the cleanliness and as per the organizational standards 	impact tester, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 27	Quality Check during Moulding Operations Session 2 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Obtain and check the production plan and ensure that the work is carried out as per the quality specifications mentioned Inspect and check the quality of the PU chemical mix Inspect and check the quality during the molding process 	Stage wise inspection PU moulding machine, Toe cap impact tester, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 28	Quality Check during Moulding Operations Session 3 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> Inspect and randomly check if the semi-finished products are free from defects after molding process Inspect and handle damages as per the quality standards 	Stage wise inspection PU moulding machine, Toe cap impact tester, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 29	Quality Check during Moulding Operations Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code	The trainee will be able to: <ul style="list-style-type: none"> Reject the semi-finished products which do not meet the quality specifications Ensure the parameters are set as per the manufacturers instruction 	Stage wise inspection PU moulding machine, Toe cap impact tester, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	LSS/N3101		plug, Apron
Week 30	Quality Check during Moulding Operations Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure the quality of the semi-finished products is as per the specified quality standards • Ensure that the semi-finished product is free from production and handling damages • Give feedback on the quality of the product on the continuous basis 	Stage wise inspection PU moulding machine, Toe cap impact tester, Sample leather defects material after lasting operations, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron
Week 31	Quality Check during finishing and packing Session 1 Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 32:00 Corresponding NOS Code LSS/N3101	The trainee will be able to Explain: <ul style="list-style-type: none"> • Quality checking process during finishing process • Quality checking process during packing process • Quality checking steps during spray and crème finishing • Organization's standard operating procedures • Product defects and handling defects • How to identify the process and product problems • The escalation hierarchy The trainee will be able to: <ul style="list-style-type: none"> • Ensure the work area is free from hazards as per the safety norm of the organization • Inspect the work area and check for the cleanliness and as per the organizational standards 	Spray tester, Crackness apparatus tester, Water vapor permeability tester, Finish film adhesion tester, Digital weighing scale, Inspection mirrors, Sole adhesion tester, Steel scale, Measuring tape, Gloves, Helmet, Safety shoe, Ear plug, Apron, Shoes for finishing and inspection
Week 32	Quality Check during finishing and packing Session 2 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Inspect and randomly check if the finished products are free from defects • Inspect and handle damages as per the quality standards 	Spray tester, Crackness apparatus tester, Water vapor permeability tester, Finish film adhesion tester, Digital weighing scale, Inspection mirrors, Sole adhesion tester, Gloves, Apron, Shoes, Shoes for finishing and inspection
Week 33	Quality Check during finishing and packing Session 3	The trainee will be able to: <ul style="list-style-type: none"> • Reject the finished products which do not meet the quality specifications • Ensure the parameters are set as per the 	Spray tester, Crackness apparatus tester, Water vapor

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	manufacturers instruction	permeability tester, Finish film adhesion tester, Digital weighing scale, Inspection mirrors, Sole adhesion tester, Gloves, Apron, Shoes, Shoes for finishing and inspection
Week 34	Quality Check during finishing and packing Session 4 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure the quality of the finished products is as per the specified quality standards • Check whether the footwear is packed properly and pair wise in the box 	Spray tester, Crackness apparatus tester, Water vapor permeability tester, Finish film adhesion tester, Digital weighing scale, Inspection mirrors, Sole adhesion tester, Gloves, Apron, Shoes, Shoes for finishing and inspection
Week 35	Quality Check during finishing and packing Session 5 Theory Duration (hh:mm) 00:00 Practical Duration (hh:mm) 40:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Ensure that the finished product is free from production and handling damages • Give feedback on the quality of the product on the continuous basis 	Spray tester, Crackness apparatus tester, Water vapor permeability tester, Finish film adhesion tester, Digital weighing scale, Inspection mirrors, Sole adhesion tester, Gloves, Apron, Shoes, Shoes for finishing and inspection
Week 36	Revision Theory Duration (hh:mm) 10:00 Practical Duration (hh:mm) 30:00 Corresponding NOS Code LSS/N3101	The trainee will be able to: <ul style="list-style-type: none"> • Summarize the skills learned in previous weeks • Attend all the previous exercises which are mixed • Make them ready to adopt a career in this field 	All the equipment as mentioned above for Quality Control Inspector
	Total Duration 1440:00 Theory Duration 66:00	Unique Equipment Required: Leather, Scissors, Leather crockmeter, Flexometer, Lasto meter, Spray tester, Crackness apparatus tester, Water vapor permeability tester, Toe cap impact tester, Finish film adhesion tester, Sole adhesion tester, Digital weighing scale, Inspection mirrors, PU moulding machine, Measuring tape, Hand clicking knife, Hammer,	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Practical Duration 1374:00	Compass, White pencil, Punches, Clicking awl, Hydraulic clicking press, Cutting mat, Oil stone, Tracing wheel, Cutting dies, Stainless steel scale, Screwdriver, 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, Cleaning cloth, Water bucket, Cleaning materials, Mop, Sample leather defects material, Leather thickness measuring gauge, First aid kit, Fire Extinguisher, Sample legal documents, Footwears for finishing and inspection	

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

Assessment Criteria

Assessment Criteria	
Job Role	Quality Control Inspector (Footwear)
Qualification Pack	LSS/Q3101, V1.0
Sector Skill Council	Leather

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 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
1. LSS/N3101: Carry out quality checks in leather footwear manufacturing	PC1. Ensure that the sample piece produced conforms to the buyer specification	30	1	0	1
	PC2. Confirm that leather type, shade and quality of leather is as per buyer specification, after finalization of sample piece		3	1	2
	PC3. Ensure that the line supervisors, table checkers and final checkers assess, check and maintain the quality of each component		2	1	1
	PC4. Ensure proper production process is being followed in the factory		2	1	1
	PC5. Supervise the work of the line supervisors, table checkers and the final checkers, as per organization standards		2	1	1
	PC6. Conduct random checks in the production department for to maintain quality as per organization standards		4	1	3
	PC7. Assess quality of footwear which cannot be certified by the final checker and give a final decision		3	1	2
	PC8. Pass on issues to managers where necessary		2	1	1
	PC9. Ensure storage and packing procedures are being as per organization standards		4	1	3
	PC10. Receive daily reports of quality checks from the subordinates		2	1	1
	PC11. Analyze the daily reports submitted by the subordinates and take decision accordingly		2	1	1
	PC12. Submit final quality report to the quality manager		2	1	1
	PC13. Document and discuss quality issues with quality manager wherever applicable		1	0	1
	Total		30	11	19
2. LSS/N8601: Maintain health, safety and security at workplace	PC1. Comply with health and safety related instructions applicable to the workplace	35	1	0	1
	PC2. Use and maintain personal protective equipment as per protocol		4	1	3
	PC3. Carry out own activities in line with approved guidelines and procedures		2	1	1
	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants		2	0	2
	PC5. Follow environment management system related procedures		2	1	1
	PC6. Identify and correct (if possible) malfunctions in machinery and equipment		4	1	3
	PC7. Report any service malfunctions that cannot be rectified		2	1	1
	PC8. Store materials and equipment in line with manufacturer's and organizational		1	0	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	requirements				
	PC9. Safely handle and move waste and debris		2	1	1
	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		1	0	1
	PC12. Monitor the workplace and work processes for potential risks and threats		2	1	1
	PC13. Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		2	1	1
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		1	0	1
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		2	1	1
	PC16. Undertake first aid, fire-fighting and emergency response training, if asked to do so		2	1	1
	PC17. Take action based on instructions in the event of fire, emergencies or accidents		1	0	1
	PC18. Follow organization procedures for shutdown and evacuation when required		2	1	1
	Total		35	11	24
3. LSS/N8701: Comply with industry, regulatory and organizational requirements	PC1. Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures	10	2	1	1
	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	1	1
	PC4. Provide support to the supervisor and team members in enforcing these considerations		1	0	1
	PC5. Identify and report any possible deviation to these requirements		2	1	1
	Total		10	3	7
	Grand Total	75	75	25	50
	Percentage weightage:			33.3%	66.7%
	Minimum pass % to qualify (aggregate):			70%	

EQUIPMENT LIST

QUALITY CONTROL INSPECTOR (FOOTWEAR) – LSS/Q3101

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/Q3101	Quality Control Inspector (Footwear)	5	Leather Crockmeter	2	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Diameter of Rubbing Finger: Less than 16 mm Force on rubbing finger: 9N (917.43 g) Size of test specimen: Less than 250 x 50 mm
2	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Flexometer	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Flexing frequency: 100± 5 cycles/minute Angle of oscillation of grips: 22.5 +0.5° Dimension of test specimens: 70 X 45 mm
3	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Lasto meter	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Spring Balance: Dial type 0 to 25 Kg Dial gauge: 0 to 25 x 0.01 mm Diameter of meter bulb: 6.25 mm Lever ratio from (Hinge to metal): 6:1 Bulb
4	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Spray Tester	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Spray nozzle: Converse face with 19 holes of 0.7 mm diameter. The rate of water spray: 250 ml in 25 to 30 seconds.
5	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Thickness Gauge	2	Nos	No (Can be made	<ul style="list-style-type: none"> Measuring Range: 0 to 10 mm

								available at OJT site)	<ul style="list-style-type: none"> Least count of dial gauge: 0.01 Diameter of anvil: 50 mm approximately Diameter of indenter: 10 mm Pressure on indenter: 100 gm/cm² Throat depth: 50 mm
6	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Crackness Apparatus Tester	1	Nos	No (Can be made available at OJT site)	Standard
7	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Water Vapor Permeability Tester	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Container Height Range: 70 - 90 mm Vertical Mounted Turntable Rotation Speed: 75 less than 5 r/min Fan Rotation Speed: 1400 less than 100 c/min Press Knife Diameter: 43 mm
8	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sole Adhesion Tester	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Load Range: 0 to 125 kg X 500 gm Lever Ratio: 1:5 Curvatures of Toe Pieces: 25, 30, 35, 40 and 45 mm Length of Contact Arc: 22 mm
9	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Toe Cap Impact Tester	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Mass of Falling Block: 10.0 - 0.1 kg and 20.0 - 0.2 kg Clamping Block: 150 x 150 x 19 mm, hardness at least 60 HRC Impact Energy: 100 - 2 Joule and 200 - 4 Joule Height of fall: 1020 - 10 mm

10	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Finish Film Adhesion Tester	1	Nos	No (Can be made available at OJT site)	<ul style="list-style-type: none"> Size of test specimen: 10 X 50mm No. Of test specimen-pasting strip mounted on the Pressing: 5 jigs at a time Weight of the loading weight: 400 gm Total weight of hanger with hook: 50 gm
11	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Digital weighing scale	2	Nos	Yes	10 kg capacity or more
12	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Measuring Tape	5	Nos	Yes	cotton or plastic - 2 meter long
13	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)		Stainless steel scale	5	Nos	Yes	6" - 15 NOS & 12 "
14	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Inspection Mirrors	4	Nos	Yes	Standard
15	LSSC	LSS/Q3101	Quality Control Inspector (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,
16	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Screw driver	5	Nos	Yes	Small size and long size
17	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cutting Plier	2	Nos	Yes	8 Inch
18	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cleaning Brush	2	Nos	Yes	3 cm
19	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sample leather test pieces	5	Nos	Yes	Cow/Sheep/Buffalo leather
20	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sample semi-finished product after Clicking, stitching, Moulding and finishing	2	Nos	Yes	Semi-finished product
21	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Garbage Bins	3	Nos	Yes	30 lts capacity

22	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Dust Pan with Handle & Broom	1	Nos	Yes	Long handle
23	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Dry and wet mob	Each one	Nos	Yes	Long handle
25	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Water Bucket	1	Nos	Yes	20 lts capacity
26	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sewing Machine	1	Nos	Yes	cylinder bed type
27	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	PPE set	2	Nos	Yes	Standard
28	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	First aid kit	1	Nos	Yes	Standard
29	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Fire Extinguisher	1	Nos	Yes	ABC Type
30	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Scissor	10	Nos	Yes	150mm and 300mm
31	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Hand clicking knife	5	Nos	Yes	Stainless steel
32	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Compass	2	Nos	Yes	Standard
33	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	White pencil	30	Nos	Yes	Drawing pencil
34	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cutting Knife	5	Nos	Yes	Stainless steel
35	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Punches	3	Nos	Yes	Size-00, 0, 1, 2, 3 and 4
36	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Clicking awl	5	Nos	Yes	Tempered sharp steel needle with wooden handle
37	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Hydraulic clicking press	1	Nos	Yes	Cutting Table width – 800mm x 400mm / 1000mm x 500mm
38	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cutting mat	5	Nos	Yes	3.5 x 4.5 ft
39	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Oil stone	2	Nos	Yes	Standard
40	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Tracing wheel	3	Nos	Yes	Standard
42	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cutting dies	1	Nos	Yes	Different shapes (Big, Small & Medium)
43	LSSC	LSS/Q3101		5	Wooden tray	1	Nos	Yes	

44	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sample non-leather	1	Nos	Yes	
45	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Dispenser with cello tape	1	Nos	Yes	
46	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Pencil	5	Nos	Yes	Black
47	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Plastic tray	2	Nos	Yes	
48	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Silver refill	5	Nos	Yes	
49	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Chart paper	10	Nos	Yes	
50	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Cleaning materials		Nos	Yes	As required
51	LSSC	LSS/Q3101	Quality Control Inspector (Footwear)	5	Sample leather defects material	1	Nos	Yes	

FURTHER LEARNING PATHWAYS

After completion of the apprenticeship training the candidates have wide career choices available with them in the Leather industry. A candidate after completing apprenticeship can be skilled horizontally in various segments like, Quality Control Inspector (Footwear), Quality Control Manager and line supervisor. Vertically, they can go to higher levels in plant hierarchy.

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: QUALITY CONTROL INSPECTOR (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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