

Model Curriculum

Stitching Operator (Footwear)

SECTOR: LEATHER
SUB-SECTOR: FOOTWEAR
OCCUPATION: STITCHING
REF ID: LSS/Q2501, V1.0
NSQF LEVEL: 4



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

LEATHER SECTOR SKILL COUNCIL

for the

MODEL CURRICULUM

Complying to National Occupational Standards of

Job Role/ Qualification Pack: **'Stitching Operator (Footwear)'** QP No. **'LSS/Q2501 NSQF LEVEL 4'**

Date of Issuance: April 9th, 2016

Valid up to*: April 10th, 2018

**Valid up to the next review date of the Qualification Pack*



Authorised Signatory
(Leather Sector Skill Council)

TABLE OF CONTENTS

1. Curriculum	01
2. Trainer Prerequisites	05
3. Annexure: Assessment Criteria	06

Stitching Operator (Footwear)

CURRICULUM / SYLLABUS

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>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Gain familiarity with the stitching trade: 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. • Become well versed with environment, health & safety: Well versed with health and safety measures in terms of personal safety and equipment safety relevant to stitching occupation. • Carry out stitching operation using different machines: Effectively identify, select the right sewing machine, needles, threads and bobbins for carrying out stitching operation. • Achieve product quality in stitching operation: Conduct a visual inspection on all aspects of the stitching process. • Maintain the work area, tools and machines: Organise/maintain work areas and activities to ensure tools and machines are maintained as per norms. • Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures: Follow policies and procedures within the work practices. 		

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	02:00 Corresponding NOS Code LSS/N8701		
	Total Duration Theory Duration 50:00 Practical Duration 450:00	Unique Equipment Required: 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 and Sample legal documents.	

Grand Total Course Duration: **500Hours, 0 Minutes**

(This syllabus/ curriculum has been approved by Leather Sector Skill Council)

Trainer Prerequisites for Job role: “Stitching Operator (Footwear)” mapped to Qualification Pack: “LSS/Q2501, V1.0”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “LSS/Q2501, 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	10th with 18 months certificate course in Footwear (any) and above.
4a	Domain Certification	Certified for Job Role: “Stitching Operator”, mapped to QP: “LSS/Q2501, Version 1.0”. The minimum accepted score should be as per the decision of the respective SSC guidelines.
4b	Platform Certification	Certified for Job Role: “Trainer”, mapped to QP: “SSC/Q1402”. The minimum accepted score should be as per the decision of the respective SSC guidelines.
5	Experience	Minimum 6 years site experience with Stitching Operator Level-4 qualified

Annexure1: Assessment Criteria

Assessment Criteria	
Job Role	Stitching Operator (Footwear)
Qualification Pack	LSS/Q2501, 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 trainee should score a minimum of 50% aggregate.
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
	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
	Total		100	30	70
2. LSS/N2502: Contribute to achieving product quality in stitching	PC1. Ensure materials and component parts meet specifications	50	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		11	10	1

