

Model Curriculum

Helper-Finishing Operations (Finished Leather)

SECTOR: LEATHER
SUB-SECTOR: FINISHED LEATHER
OCCUPATION: FINISHING (ASSISTANCE)
REF ID: LSS/Q0804, V1.0
NSQF LEVEL: 2

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: 'Helper-Finishing Operations (Finished Leather)' OP No. 'LSS/Q0804 NSQF Level 2'

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)

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Helper- Finishing Operations (Finished Leather)

CURRICULUM / SYLLABUS

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

Program Name	Helper - Finishing Operations (Finished Leather)		
Qualification Pack Name & Reference ID.	Helper - Finishing Operations (Finished Leather) LSS/Q0804, V 1.0		
Version No.	1.0	Version Update Date	28-09 – 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. • Identify and use basic tools, equipment & materials: Effectively identify, select & use the specified tools, materials and equipment relevant to finishing operations of finished leather. • Learn and assist in finishing operations in finished leather: Assist in fat liquoring, coating, vacuum drying, plating, glazing, embossing to manufacture finished 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. • 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 finishing occupation. • Follow industrial regularity and organizational requirements: Carry out work in accordance with organizational guidelines and procedures, identify and report any possible deviation. 		

This course encompasses 5 out of 5 National Occupational Standards (NOS) of “Helper- Finishing Operations (Finished Leather)” Qualification Pack issued by “Leather Sector Skill Council”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Overview on Leather Industry and Generic Skills</p> <p>Theory Duration (hh:mm) 08:00</p> <p>Practical Duration (hh:mm) 09:00</p> <p>Corresponding NOS Code Core skills/ Generic skills and Professional skills collated from all the NOS of the QP</p>	<ul style="list-style-type: none"> Explain the importance of leather industry 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 	<p>Chairs, Trainers desk and Computer, Student table, Projector, White projector screen, White board, Flip chart display stand, Safety Hazard signs, Newspaper, Stationery, PPE set</p>
2	<p>Assist in Finishing Operations in Finished Leather</p> <p>Theory Duration (hh:mm) 08:00</p> <p>Practical Duration (hh:mm) 81:00</p> <p>Corresponding NOS Code LSS/N0812</p>	<ul style="list-style-type: none"> Identify tools and equipment used in finishing operations in finished leather Describe various process in dry operations - fat liquoring, coating, vacuum drying, plating, glazing, embossing Assist in setting up of different machines used in finishing operations of finished leather Prepare work area for the operations Arrange, sort and place the leather sheets for next stages of production accordingly 	<p>Lubricating oil, Cutting plier, Wrench plier, Spanner set, Hex key set, Leather thickness gauge, Roughing machine, Auto spray, Roller coating, Spraying machine, Tray spray, Plating machine, Glazing machine, Embossing machine, Dry drum, Spray gun, Padding machine, Vacuum drying machine</p>
3	<p>Support to Achieving Product Quality in Finishing Operations</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 33:00</p>	<ul style="list-style-type: none"> Explain the importance of product checks in finished leather sheets Describe the issues pertaining to quality in leather processing Methods of identifying faults with the finished leather sheets 	<p>Stage inspection</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Theory Duration 35:00</p> <p>Practical Duration 165:00</p>	Lubricating oil, Roughing machine, Auto spray, Roller coating, Spraying machine, Tray spray, Plating machine, Glazing machine, Embossing machine, Dry drum, Spray gun, Padding machine, Vacuum drying machine, Spanner set, Hex key set, Screwdriver set, Cutting plier, Leather thickness gauge, Cleaning machine, Vacuum cleaner, First aid kit, Fire extinguisher, earplug, Head cover, Helmet, Apron, Gumboot, Respiratory mask, Goggles, Hand gloves , Phenyl, Floor cleaning machine, Safety shower, Safety eyewash, Sample legal documents	

Grand Total Course Duration: 200 Hours, 0 Minutes

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

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	PC19. Assist in machine application of finishing coats which involves: <ul style="list-style-type: none"> • colour mixing and matching • mechanical application (roller coating, curtain coating, laminating - film application) • applying heat or pressure (iron, embossing, plate, burnishing, polishing, glazing) • wool finishing (combing and polishing, clipping) 		2	0	2
	PC20. Assist in finishing coats by hand that include <ul style="list-style-type: none"> • Padding • Spraying • brushing 		2	0	2
	PC21. Pass the completed crust leather to the next stage of production		2	0	2
	PC22. Clean the equipment and work area		2	0	2
	PC23. Assist in spreading out the leather, grain down, on a smooth surface to which heat is applied		2	0	2
	PC24. Help operator placing a vacuum hood over the surface, to apply vacuum in drying the leather		7	5	2
	PC25. Clean the equipment and work area		2	0	2
	PC26. Assist the operator by positioning the crust leather on bed of machine for finishing processes		2	0	2
	PC27. Pull it from the machine table after the process and stack it as mandated		1	0	1
	PC28. Clean the equipment and work area		1	0	1
	Total		100	30	70
2. LSS/N0813: Support to achieving product quality in finished leather finishing operations	PC1. Carry out lubrication of the leather as per the specifications after the fat liquoring process	50	1	0	1
	PC2. Assist in ensuring that the colour mixing and colour matching is achieved as per the specifications		6	5	1
	PC3. Coating/s to be applied are correctly selected or obtained and given to the operator		10.5	10	0.5
	PC4. Close the spray booth to minimize emission into the working environment and that the finish has been applied as per the specifications.		1	0	1
	PC5. Assist in doing small corrections in color and adjustments to the		0.5	0	0.5
	desired end tone		6	5	1

Assessable Outcome	Assessment Criteria	Total Mark	Out Of	Marks Allocation	
				Theory	Skills Practical
	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		0.5	0	0.5
	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
	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		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		6	5	1
	Total		25	10	15
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		3	0	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		8	5	3
	Total		25	10	15
	Grand Total	250	250	100	150