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# LEATHER PROCESSING **TECHNOLOGIST**



**TRAINER GUIDE** National Vocational Certificate Level 2





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TRAINER GUIDE

## Introduction

Competence-based training helps to bridge the gap between what is taught in training and what tasks will be performed on the job. Training trainees to perform actual job functions helps to ensure that future front-line workers have the skills, knowledge and abilities required to perform their jobs properly, safely and effectively. In addition to competence-based training, assessment based on the performance of actual work competencies helps to ensure that:

- trainees are performing their work tasks as safely as possible
- performance gaps are recognized prior to serious incidents
- training can be implemented to improve competence.

There are significant benefits to competence-based training:

### 1. Cost effectiveness

Since training activities and assessments in a competence-based approach are goal-oriented, trainers focus on clearly defined areas of skills, knowledge and understanding that their own industry has defined in the competence standards. At the same time, trainees are more motivated to learn when they realize the benefits of improved performance.

### 2. Efficiency

The transfer gap between the training environment and working on the job is reduced substantially in a competence-based approach. This is because training and assessment are relevant to what needs to be done on the job. As a result, it takes less time for trainees to become competent in the required areas. This, in turn, contributes to improved efficiency where training and assessment are concerned.

### 3. Increased productivity

When trainees become competent in the competence standards that their own industry has defined, when they know what the performance expectations are and receive recognition for their abilities through successful assessments, they are likely to be more motivated and experience higher job satisfaction. The result is improved productivity for organizations. The communication and constructive feedback between future employers and employees will improve as a result of a competence-based approach, which can also increase productivity.

### 4. Reduced risk

Using a competence-based approach to training, development, and assessment, employers are able to create project teams of people with complementary skills. A trainee's record of the skills, knowledge and understanding relating to the competence standards they have achieved can be used by a future employer to identify and provide further relevant training and assessment for new skills areas. Competence standards can shape employee development and promotional paths within an organization and give employees the opportunity to learn more competencies beyond their roles. It can also provide organizations with greater ability to scale and flex as needed, thereby reducing the risk they face.

### 5. Increased customer satisfaction

Employees who have been trained and assessed using a competence-based approach are, by the definition of the relevant competence standards, able to perform the required tasks associated with a job. The knock-on effect is that, in service-related industries, they are able to provide high service levels, thereby increasing customer satisfaction. In production or manufacturing industries, they are able to work closely to industry standards in a more effective and efficient way.

## Lesson plans

This manual provides a series of lesson plans that will guide delivery of each module for the *(title)* qualification. It is important for trainers to be flexible and be ready to adapt lesson plans to suit the context of the subject and the needs of their trainees.

Good teachers acknowledge that CBT means each and every trainee in the class learns at a different speed. The good teacher is prepared to throw aside the day's lesson plan and do something different (and unplanned) for the class even if it means 'writing' a lesson plan for each trainee to match their learning pace for that day or week.

Learning by doing is different from learning theory and then applying it. To learn to do something, trainees need someone looking over their shoulder saying 'it's not quite like that, it's like this', 'you do it like this because ...', or even 'tell me why you chose to do it like this?'.

In this way, trainees learn that theoretical knowledge is meaningless if it is not seen in the context of what they are doing. In other words, if a trainee doesn't know why they do something, they will not do it competently (skills underpinned by knowledge = competent performer).

This is how a *(title)* acquires a practical grasp of the standards expected. It's not by learning it in theory, but because those standards are acquired through correction by people who show what the standards are, and correct the trainee where they do not meet those standards, and where they repeat it correction until they have internalised those standards.

## **Demonstration of skill**

Demonstration or modeling a skill is a powerful tool, which is used, in vocational training. The instructions for trainers for demonstration are as under:

- a) Read the procedure mentioned in the Trainer Guide for the relevant Learning Unit before demonstration.
- b) Arrange all tools, equipment and consumable material, which are required for demonstration of a skill.
- c) Practice the skill before demonstration to trainees, if possible.
- d) Introduce the skill to trainees clearly at the commencement of demonstration.
- e) Explain how the skill relates to the skill(s) already acquired and describe the expected results or show the objects to trainees.
- f) Carry out demonstration in a way that can be seen by all trainees.
- g) Use the same tools and materials that the learner will be using.
- h) Go through EACH of the steps involved in performing the skill.
- i) Go SLOWLY describe each step as it is completed.
- j) Encourage the learners to move around and watch what you are doing from a number of different angles.

- k) Identify critical or complex steps, or steps that involve safety precautions to be followed.
- I) Explain theoretical knowledge where applicable and ask questions to trainees to test their understanding.
- m) Try to involve the learners: Ask them questions about why they think the process may work that way.
- n) Repeat critical steps in demonstration, if required.
- o) Summarize the demonstration by asking questions to trainees.

Involvement in the process (actively seeing) is important at this stage. When you work on getting involved, getting people to participate, you make them a part of what is happening. Questions for clarification or explanation are important throughout the demonstration. It is up to the learners to ask questions about things they do not understand, but it is also important for trainers to seek out and elicit questions from learners. A trainer may need to do repeated demonstrations of difficult or complex skills.

## Overview of the program

Course: Leather Processing Mechanical Operator

Total Course Duration: 600 Hours

### **Course Overview:**

The purpose of this training is to develop a range of skills and techniques, personal skills and attributes essential for successful performance in leather processing sector in accordance with industry requirements. It also enables the student to pursue a leather processing technologist career path with greater employment and entrepreneurial skills progress to related general and/or vocational qualifications

Module	Learning Unit	Duration
Module 1: Comply Personal Health and Safety Guidelines Aim: This Competency Standard identifies the competencies required to protect/apply occupational Safety, Health and Environment at workplace according to the industry's approved guidelines, procedures and interpret environmental rules/regulations. Trainee will be expected to identify and use Personal Protective Equipment (PPE) according to the work place requirements. The underpinning knowledge regarding Observe Occupational Safety and Health (OSH) will be sufficient to provide the basis for the job at workplace.	LU1: Identify Hazard at work place LU2: Apply personal protective and safety equipment (PPE. LU3: Observe occupational safety and health (OSH) LU4: Dispose of hazardous waste/materials	30

Module	Learning Unit	Duration
<b>Module 2:</b> Communicate the Workplace Policy and Procedure <b>Aim:</b> This unit describes the performance outcomes, skills and knowledge required to develop communication skills in the workplace. It covers gathering, conveying and receiving information, along with completing assigned written information under direct supervision.	<ul> <li>LU1. Identify workplace communication procedures</li> <li>LU2. Communicate at workplace</li> <li>LU3. Draft Written Information</li> <li>Review Documents</li> </ul>	20
Module 3: Perform Basic Communication (Specific) Aim: This unit describes the skills and knowledge required to assist in the development of communication competence by providing information regarding different forms of communication and their appropriate use.	<ul> <li>LU1. Communicate in a team to achieve intended outcomes</li> <li>LU2. Follow Supervisor's instructions as per organizational SOPs</li> <li>LU3. Develop Generic communication skills at workplace</li> </ul>	30
Module 4: Perform Basic Computer Application (Specific) Aim: This unit describes the	<ul><li>LU1. Create Word Documents</li><li>LU2. Create Excel Documents</li><li>Use internet for Browsing</li></ul>	40

Module	Learning Unit	Duration
skills and knowledge required to use spreadsheet to prepare a page of document, develops familiarity with Word, Excel, email, and computer graphics basics.		
<b>Module 5:</b> Carryout Fleshing <b>Aim:</b> After successful completion of this module, the student is competent in performing fleshing operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for fleshing</li> <li>LU2: Perform fleshing</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain fleshing register</li> </ul>	40 Hours
<b>Module 6:</b> Carryout Scudding <b>Aim:</b> After successful completion of this module, the student is competent in performing scudding operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for scudding</li> <li>LU2: Perform scudding</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain scudding register</li> </ul>	40 Hours
<b>Module 7:</b> Carryout Splitting <b>Aim:</b> After successful completion of this module, the student is competent in performing splitting operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for splitting</li> <li>LU2: Perform splitting</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain splitting register</li> </ul>	40 Hours
Module 8: Carryout Shaving Aim: After successful completion of	LU1:Prepare workstation for shavingLU2:Perform shavingLU3:Clean workplace	40 Hours

Module	Learning Unit	Duration
this module, the student is competent in performing Shaving operation according to professional standards and by respecting safety and health regulations	LU4: Maintain shaving register	
<b>Module 9:</b> Carryout Sammying- Setting <b>Aim:</b> After successful completion of this module, the student is competent in performing sammying-setting operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for sammying &amp; setting out</li> <li>LU2: Perform sammying &amp; setting out</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain sammying &amp; setting out register</li> </ul>	40 Hours
Module 10: Carryout Drying Aim: After successful completion of this module, the student is competent in performing drying operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for drying</li> <li>LU2: Perform drying</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain drying register</li> </ul>	40 Hours
Module 11: Carryout Staking Aim: After successful completion of this module, the student is competent in performing staking operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for staking</li> <li>LU2: Perform staking</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain staking register</li> </ul>	40 Hours
Module 12: Carryout Toggling Aim: After successful completion of this module, the student is competent in performing toggling operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for toggling</li> <li>LU2: Perform toggling</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain toggling register</li> </ul>	40 Hours

Module	Learning Unit	Duration
Module 13: Carryout Buffing Aim: After successful completion of this module, the student is competent in performing buffing operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for buffing</li> <li>LU2: Perform buffing</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain buffing register</li> </ul>	40 Hours
<b>Module 14:</b> Carryout Hydraulic Press <b>Aim:</b> After successful completion of this module, the student is competent in performing hydraulic press operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for hydraulic press</li> <li>LU2: Perform hydraulic press</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain hydraulic press register</li> </ul>	40 Hours
<b>Module 15:</b> Carryout Ironing <b>Aim:</b> After successful completion of this module, the student is competent in performing ironing operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU1: Prepare workstation for Ironing</li> <li>LU2: Perform ironing</li> <li>LU3: Clean workplace</li> <li>LU4: Maintain Ironing register</li> <li>LU5:</li> </ul>	40 Hours
<b>Module 16:</b> Carryout Measuring <b>Aim:</b> After successful completion of this module, the student is competent in performing measuring operation according to professional standards and by respecting safety and health regulations	<ul> <li>LU5: Prepare workstation for measuring</li> <li>LU6: Perform leather measuring</li> <li>LU7: Clean workplace</li> <li>LU8: Maintain measuring register</li> <li>LU6:</li> </ul>	40 Hours

	FORMAT FOR LESSON PLAN		
Module:			
Learning	Unit>		
Learning	Outcomes>		
Methods	Key Notes	Media	Time
	Introduction		
	State the Learning Objectives of the lesson. This allows the learners to organize their thoughts on what they will learn and to perform. Also state some questions to recall prior knowledge of learners to arouse their interest and motivation		
	Main Body		
	Present the new information or material that is to be learned. Demonstration of a skill relevant with the Learning Unit is also stated here. Also mention the teaching and learning methods for each leaning element from <i>Trainer Guidelines</i> , the relevant media including handouts, power-point slides, videos, white board and time duration for each activity in the relevant columns		
	Conclusion		
	List the strategies used for summarizing and reviewing the lesson delivered. Also mention the strategies for formative assessment to ensure that the transfer of knowledge and skill has been achieved		
	Assessment		
	How this lesson will be assessed?		
	Tota	al time:	



Module-5 TRAINER GUIDE

## Trainer's guidelines

Learning Unit	Learning Activities	Delivery Context	Media
LU1: Prepare Workstation for Fleshing	workstation. Ensure that the presentation focuses on the following:	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's guide, Handouts illustrating examples of • Machine outlook • Machine functions • Types of Personal Protective Equipment Sharp House book Safety helmet & glasses Safety Gloves Safety Gloves Safety Shoes Earplugs Safety Uniform Fleshing Machine Fleshing Machine Operator Manual Knives

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	After that take feedback from the group. Answer any question and confirm trainee's understanding		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding	h	
LU2: Perform Fleshing	<ul> <li>the presentation focuses on the following:</li> <li>Fleshing process of leather and how much is caused if the flesh is not properly removed</li> <li>Types of fleshing and benefits of green fleshing</li> </ul>	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Fleshing Machine Operator Manua Hide Skin Knives Pile Horse Steel Table Sharp House Book

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU3: Clean Work Place	<ul> <li>After demonstration, form small groups, provide each group different skin / hide to perform fleshing using different fleshing methods also manage groups as per available resources.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following: <ul> <li>Describing the importance of washing and removal of flesh from the machine and work station.</li> <li>Describing how proper washing is beneficial for tannery environment.</li> <li>Explaining the beneficiaries to save the flesh of skins / hide.</li> </ul> </li> <li>After presentation, Learners need to devise 10 quiz questions with answers based on clean work place. They must make sure their questions cover key topics for clean work place.</li> <li>Issue each learner with 10 blank cards. Each learner should number the cards and write their name on one side with a question about perform fleshing. On the</li> </ul>	Class Room with multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Fleshing Machine Fleshing Machine Operato Manual Wipers Dust Bins Sharp House Book

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	answer to their question.		
	For the quiz, arrange learners in two equal teams. Ask one learner to keep score using a suitable score-card. Player 1 for Team A asks one of their questions to Player 1 of Team B, who needs to answer the question. Discuss the answer with the group and ask the group to determine if the answer is correct. Player 1 of Team A then confirms the answer they had devised. (You need to correct answers if the learner's answer was not wholly correct.)		
	The scorekeeper records 1 mark for a correct answer under the appropriate team's score column. Play then passes to Player 1 of Team B, who asks their question to Player 1 of Team A, and so on.		
	Total the scores at the end of the quiz to see which team won. Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in ar appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding.	r	
LU4: Maintain Fle Machine Register	<ul> <li>Shing Deliver a presentation on maintain of fleshing register. Ensure that the presentation focuses on the following: <ul> <li>Introduction the entries of fleshing process</li> <li>Importance of processing records</li> <li>Procedure of the entries in fleshing machine register</li> </ul> </li> </ul>	Class Room with multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Recording Register Sharp House Book

Learning Unit	Suggested Teaching/	Delivery Context	Media	
	Learning Activities			
	Ask trainees to identify what kind of entries we need to record and also ask reasons of those entries Trainees need to practice their skills independently to maintain fleshing machine register. Ask learners to complete a self-assessment form on their ability to carry out fleshing process.			
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding	า		



Module-6 TRAINER GUIDE

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstatio	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Preparation of workstation to perform any process smoothly.</li> <li>Types and importance of PPE which is used during the process.</li> <li>Hazardous materials and how it may affect the performance of trainee's.</li> <li>How to check the skin &amp; hide according to their job card requirement.</li> <li>Set the comfort zone of trainee's working area to perform scudding smoothly</li> <li>Scudding beam and curved knife of scudding area</li> <li>After presentation, form trainees into small groups and ask to define scudding process.</li> <li>After the activity, practically demonstrate preparation of workstation for scudding and invite question to clear doubts.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in ar</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Scudding Beam Curved Knives Sharp House Book

Learning Unit	Suggested Teaching/	Delivery Context	Media	
	Learning Activities			
	appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding			
LU2: Perform Scudding	<ul> <li>Scudding process of leather and how much is caused if the scud is not properly removed</li> <li>Curved knife used in scudding process</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Scudding Beam Curved Knives Hide Skin Pit Pallet Tub Steel Table	

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Importance of washing and removal of scud from the work station.</li> <li>Proper washing of the beam and knife</li> </ul>	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Scudding Beam Curved Knives Steel Table Wiper Dust Bin
	reverse of the card, they should write an appropriate answer to their question. For the quiz, arrange learners in two equal teams. Ask one learner to keep score using a suitable score-card. Player 1 for Team A asks one of their questions to		

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	Player 1 of Team B, who needs to answer the question. Discuss the answer with the group and ask the group to determine if the answer is correct. Player 1 of Team A then confirms the answer they had devised. (You need to correct answers if the learner's answer was not wholly correct.)	,	
	The scorekeeper records 1 mark for a correct answer under the appropriate team's score column. Play then passes to Player 1 of Team B, who asks their question to Player 1 of Team A, and so on.		
	Total the scores at the end of the quiz to see which team won. Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
_U4: Maintain Scudo Register	<ul> <li>Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of scudding process</li> <li>Importance of processing records</li> </ul>	Class Room with multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Record Regsisters
	Trainees need to practice their skills independently to		

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	maintain fleshing machine register.		
	Ask learners to complete a self-assessment form on their ability to carry out scudding process.		
	Ask questions to confirm their understanding.		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-7 TRAINER GUIDE National Vocational Certificate Leve

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workst	<ul> <li>ation Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Preparation of workstation to perform any process smoothly.</li> <li>Types and importance of PPE which is used during the process.</li> <li>Hazardous materials and how it may affect the performance of trainee's.</li> <li>Setting the machine according to their job card requirement.</li> <li>Setting the comfort zone of trainee's working area to perform splitting smoothly</li> <li>Briefing about the knives and belts of splitting machine</li> <li>Explaining the role to set a specified gauge according to their hide condition and thickness.</li> <li>After presentation, form trainees into small groups and provide them a job card and ask to interpret what kind of job they are going to do.</li> <li>After the activity, practically demonstrate preparation of workstation for splitting and invite question to clear doubts.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Safety helmet & glasses Safety Gloves (Welding) Safety Shoes Earplugs Safety Uniform Splitting Machine Splitting Machine Operator Manual Knives

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
LU2: Perform Splitting	<ul> <li>Deliver illustrated presentation on Splitting. Ensure that the presentation focuses on the following:</li> <li>Splitting process of leather and how much is beneficial for further processing of hides.</li> <li>Types of splitting and benefits of lime splitting.</li> <li>Using the splitting machine according to their user manual.</li> <li>Performance procedure of splitting machine to get the split from hide.</li> <li>Correct position to feed the skin / hide on splitting machine.</li> <li>Split and more than 1 split according to the hide thickness and developing article</li> <li>Briefing about the damages of hide during splitting process.</li> <li>Explaining the precautionary and remedial measures of fleshing process.</li> <li>After presentation, demonstrate skills of operating splitting machine for splitting hide and invite questions for better understanding.</li> <li>After demonstration, form small groups, provide each group different skin / hide to perform splitting also ask trainee to note precautionary steps.</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Splitting Machine Splitting Machine Operator Manual Hide Skin Knives Pile Horse Thickness Gauge Meter

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	Invite guest speaker and discussed about the techniques of splitting with experienced person(Guest Speaker) and ask question for understanding		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
-U3: Clean Work Place	<ul> <li>Washing and removal of dust and leather fibers from the machine and work station.</li> <li>Washing is beneficial for tannery environment.</li> </ul>	multimedia aid, audio	Splitting Machine Splitting Machine Operator Manual Air Blower
	After presentation, Learners need to devise 10 quiz questions with answers based on clean work place. They must make sure their questions cover key topics for clean work place.		
	Issue each learner with 10 blank cards. Each learner should number the cards and write their name on one side with a question about perform scudding. On the reverse of the card, they should write an appropriate answer to their question.		
	For the quiz, arrange learners in two equal teams. Ask one learner to keep score using a suitable score-card.		

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
	Player 1 for Team A asks one of their questions to Player 1 of Team B, who needs to answer the question. Discuss the answer with the group and ask the group to determine if the answer is correct. Player 1 of Team A then confirms the answer they had devised. (You need to correct answers if the learner's answer was not wholly correct.)		
	The scorekeeper records 1 mark for a correct answer under the appropriate team's score column. Play then passes to Player 1 of Team B, who asks their question to Player 1 of Team A, and so on.		
	Total the scores at the end of the quiz to see which team won. Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
.U4: Maintain Sp /achine Register	<ul> <li>that the presentation focuses on the following:</li> <li>Introduction the entries of splitting process</li> <li>Importance of processing records</li> <li>Procedure of the entries in Splitting machine</li> </ul>	Class Room with multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book Record Registers
	Ask trainees to identify the reason of noting damages and provide them register for recoding entries of the		

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	practical work		
	Ask learners to complete a self-assessment form on their ability to carry out splitting.		
	Ask questions to confirm their understanding.		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-8 TRAINER GUIDE

Learning Unit	Suggested Teaching/ Delivery Context	Media
	Learning Activities	
LU1: Prepare Norkstation for Shaving		Sharp House Book

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of cleaning and removal of shaving dust from the work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> <li>Describing properly cleaning of shaving dust is beneficial for tannery environment.</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book
	<ul> <li>arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>		

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU4: Maintain Shaving Register	<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following: <ul> <li>Introduction the entries of shaving process</li> <li>Importance of processing records</li> <li>Procedure of the entries in shaving register</li> </ul> </li> <li>After the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different skin / hide to perform shaving in different gauges for different type of articles.</li> <li>Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional shaving machine operator and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of shaving with experienced person and ask question for understanding</li> <li>Trainees need to practice their skills independently to perform shaving of different leather.</li> <li>After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout shaving.</li> <li>Ask questions to confirm their understanding.</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Learner's Guide Handouts Sharp House Book



Module-9 TRAINER GUIDE National Vocational Certificate Leve

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstation for Sammying – Setting	<ul> <li>workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Sammying & Setting Machine Sammying & Setting Machine Operator Manual Tools Kits

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
	opportunity to ask questions to support their understanding		
LU2: Perform Sammy – Setting out	and its benefits to remove the excess water with grain smoothness.	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Sammying - Setting Machine Pile Horse Sammying - Setting Machine Operator Manual Hide Skin

Learning Unit		Delivery Context	Media
	Learning Activities		
	appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
LU3: Clean Work Place	<ul> <li>Describing the importance of washing of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> </ul>	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Sammying – Setting Machine Sammying – Setting Machine Operator Manual Air Blower
LU4: Maintain sammyin setting Register	<ul> <li>that the presentation focuses on the following:</li> <li>Introduction the entries of Sammying - Setting process</li> </ul>	multimedia aid, audic visual facility and flip chart	Computer Multimedia Record Registers
		Either, Training Tannery Area	

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	register		
	After the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different skin / hide to perform Sammying - Setting of different leathers		
	Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional Sammying - Setting machine operator and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of Sammying - Setting with experienced person and ask question for understanding		
	Trainees need to practice their skills independently to perform Sammying - Setting of different leather.		
	After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout Sammying – Setting.		
	Ask questions to confirm their understanding. Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-10 TRAINER GUIDE

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstation for Drying	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform drying smoothly</li> <li>Briefing about the parameters of drying</li> <li>Explaining the role to set a specified time, temperature and pressure according to their leather condition and thickness.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to define the types of PPE used in shaving process and hazardous materials which may affect the process</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves (Welding) Safety Shoes Earplugs Safety Uniform Drying Machine Drying Machine Operator Manua Tool Kit Hanging Clips

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU2: Perform Drying	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the Drying process of leather and its benefits to perform further process</li> <li>Describing the types of Drying and their benefits according to their articles.</li> <li>Explaining how to use the Drying machine according to their user manual.</li> <li>Explaining the performance procedure of Drying to remove the excess water of leather and smooth the leather surface.</li> <li>Briefing the correct position to place the leather on Drying machine or hanging yard.</li> <li>Briefing about the damages of skins / hide during Drying process.</li> <li>Explaining the precautionary and remedial measures of Drying process.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Drying Machine Drying Machine Operator Manua Hide Skin Tool Kit Scraper (Fiber) Pile Horse Hanging Clips

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of washing of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Drying Machine Drying Machine Operator Manua Air Blower
	After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.		
	After that take feedback from the group. Answer any question and confirm trainee's understanding		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		

Learning Unit	Delivery Context Media	Suggested Teaching/ Learning Activities
LU4: Maintain Drying Register		<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following: <ul> <li>Introduction the entries of Drying process</li> <li>Importance of processing records</li> <li>Procedure of the entries in drying register</li> </ul> </li> <li>After the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.</li> <li>Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding</li> <li>Trainees need to practice their skills independently to perform shaving of different leather.</li> <li>After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.</li> <li>Ask questions to confirm their understanding.</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>



Module-11 TRAINER GUIDE

Module 11: Carryout S	Staking		
Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU1: Prepare Workstation for Staking	<ul> <li>workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> </ul>	multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Staking Machine Staking Machine Operator Manual

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities opportunity to ask questions to support their understanding		
LU2: Perform Staking	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the Staking process of leather and its benefits to perform further process</li> <li>Describing the types of Staking and their benefits according to their articles.</li> <li>Explaining how to use the Staking machine according to their user manual.</li> <li>Explaining the performance procedure of Staking to flatten, smooth and softening of leather.</li> <li>Briefing the correct position to feed the leather or Staking machine and handling during wheel staking</li> <li>Briefing about the damages of leather during staking process.</li> <li>Explaining the precautionary and remedial measures or staking process.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying.</li> <li>After that take feedback from the group. Answer any questior and confirm trainee's understanding</li> </ul>	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Staking Machine Staking Machine Operator Manual Hide Skin Clips Tool Kit Pile Horse

earning Unit.	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		
LU3: Clean Work Place	<ul> <li>Describing the importance of washing of work station.</li> <li>Explaining the proper cleaning of the machine related</li> </ul>	multimedia aid, audic visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Staking Machine Staking Machine Operator Manual Air Blower
.U4: Maintain Stakin Register	<ul> <li>gDeliver a presentation on maintain of register. Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of Drying process</li> <li>Importance of processing records</li> <li>Procedure of the entries in drying register</li> </ul>	multimedia aid, audio	Computer Multimedia Record Registers

earning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
	the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles. Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding Trainees need to practice their skills independently to perform		
	<ul> <li>After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.</li> <li>Ask questions to confirm their understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the</li> </ul>		



Module-12 TRAINER GUIDE National Vocational Certificate Leve

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstation for toggling	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform toggling smoothly</li> <li>Briefing about the parameters of toggling process</li> <li>Explaining the role of temperature during toggling process</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to define the types of PPE used in shaving process</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Toggling Machine Toggling Machine Operator Manual Toggling Clips Toggling Chambers

Learning Unit	Suggested Teaching/	Delivery Context	Media
LU2: Perform toggling	<ul> <li>Learning Activities</li> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following: <ul> <li>Describing the toggling process of leather and its specialties for certain articles</li> <li>Explaining the performance procedure of toggling to achieves smooth, flatten, soft leather</li> <li>Briefing about the clipping of leather on toggle machine and control of temperature and time.</li> <li>Explaining how to grain the area of leather during toggling.</li> <li>Briefing about the damages of leather during toggling process.</li> <li>Explaining the precautionary and remedial measures of toggling process.</li> </ul> </li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying of different leather according to their articles.</li> <li>trainees need to practice their skills independently to perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Toggling Machine Toggling Machine Operator Manual Hide Skin Tool Kits Toggling clips/clamps Pile Horse Fan Toggle Chamber

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of washing of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>		Computer Multimedia Toggling Machine Toggling Machine Operator Manual

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU4: Maintain toggling Register	<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of toggling process</li> <li>Importance of processing records</li> <li>Procedure of the entries in toggle register</li> <li>After the presentation, for the practical demonstration</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	dio Multimedia <sup>flip</sup> Record Registers
	arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.		
	Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding		
	Trainees need to practice their skills independently to perform shaving of different leather.		
	After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.		
	Ask questions to confirm their understanding Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-13 TRAINER GUIDE

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU1: Prepare Workstation for Buffing	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform buffing smoothly</li> <li>Briefing about the parameters of buffing</li> <li>Explaining the role to set a specified buffing paper and pressure according to their leather condition and required article.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to define the types of PPE used in shaving process and hazardous materials which may affect the process.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Buffing Machine Buffing Machine Operator Manual Buff Paper Tool Kits

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU2: Perform Buffing	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the Buffing process of leather and its benefits to removes the defects of leather and smoothening.</li> <li>Describing the types of buffing and their benefits according to their articles.</li> <li>Explaining how to use the buffing machine according to their user manual.</li> <li>Explaining the performance procedure of buffing to maintain the flesh surface or remove the grain according to their article.</li> <li>Briefing about their article.</li> <li>Briefing about the damages of leather during buffing process.</li> <li>Explaining the precautionary and remedial measures of buffing process.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Buffing Machine Buffing Machine Operator Manua Hide Skin Buff Paper Tool Kits Air Blower

Module 13: Carryout	Buffing		
Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU3: Clean Work Buffing	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of cleaning of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Buffing Machine Buffing Machine Operator Manual Air Blowe

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU4: Maintain Buffing Register	<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of buffing process</li> <li>Importance of processing records</li> <li>Procedure of the entries in buffing register</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either,	Computer Multimedia Record Registers
	After the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.	Training Tannery Area	nnery Area
	Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding		
	Trainees need to practice their skills independently to perform shaving of different leather.		
	After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.		
	Ask questions to confirm their understanding Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-14 TRAINER GUIDE

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstation for Hydraulic press	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform pressing</li> <li>Briefing about the parameters of hydraulic press / embossing</li> <li>Explaining the role to set a specified temperature, pressure and time according to their leather condition and required article.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to define the types of PPE used in shaving process and hazardous materials which may affect the process</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Hydraulic Machine Hydraulic Machine Operator Manual Hydro press plate (Plain) Hydro press plate (hair-cell) Hydro press plate (milled) Tool Kits

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU2: Perform Hydraulic press	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the Hydraulic press / embossing of leather and its benefits to enhance the appearance of leather</li> <li>Describing the types of plates used in hydraulic press machine and their designs according to their articles.</li> <li>Explaining how to use the Hydraulic press machine according to their user manual.</li> <li>Explaining the performance procedure of Hydraulic press to remove fix the applied finishing agents and enhance the look of leather.</li> <li>Briefing the correct position to feed the leather on Hydraulic press machine.</li> <li>Briefing about the damages of leather during Hydraulic press.</li> <li>Explaining the precautionary and remedial measures of Hydraulic press.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying of different leather according to their articles.</li> <li>trainees need to practice their skills independently to perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Hydraulic Machine Hydraulic Machine Operator Manual Hide Skin Hydro press plate (Plain) Hydro press plate (hair-cell) Hydro press plate (milled) Tool Kits Pallet Jacks Large Wooden Scraper

Module 14: Carryout	Module 14: Carryout Hydraulic press				
Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media		
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of washing of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Hydraulic Machine Hydraulic Machine Operator Manual Air Blower		

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU4: Maintain Hydraulic press machine Register	<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of Hydraulic press</li> <li>Importance of mechanical records</li> <li>Procedure of the entries in Hydraulic press</li> <li>After the presentation, for the practical demonstration</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Record Registers
	arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.		
	Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding		
	Trainees need to practice their skills independently to perform shaving of different leather.		
	After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.		
	Ask questions to confirm their understanding Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding		



Module-15 TRAINER GUIDE

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU1: Prepare Workstation for ironing	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform ironing</li> <li>Briefing about the rollers of ironing machine.</li> <li>Explaining the role to set a specified temperature, pressure and time according to their leather condition and required article.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to define the types of PPE used in shaving process and hazardous materials which may affect the process</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Ironing Machine Ironing Machine Operator Manua Tool Kits

Learning Unit	Suggested Teaching/	Delivery Context	Media
	Learning Activities		
LU2: Perform ironing	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the ironing of leather and its benefits to enhance the appearance of final leather.</li> <li>Explaining the mechanism of rollers in ironing machine.</li> <li>Explaining how to use the ironing machine according to their user manual.</li> <li>Explaining the performance procedure of ironing machine to fix the applied finishing agents and enhance the look of final product.</li> <li>Briefing the correct position to feed the leather on ironing machine.</li> <li>Briefing about the damages of leather during ironing.</li> <li>Explaining the precautionary and remedial measures of ironing.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying of different leather according to their articles.</li> <li>trainees need to practice their skills independently to perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Ironing Machine Ironing Machine Operator Manua Hide Skin Tools Kits Pallet Jack

Learning Unit	Suggested Teaching/	Delivery Context	Media
LU3: Clean Work Place	<ul> <li>Learning Activities</li> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following: <ul> <li>Describing the importance of cleaning of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> </ul> </li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Ironing Machine Ironing Machine Operator Manua Air Blower

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media	
LU4: Maintain ironing Register	Learning ActivitiesDeliver a presentation on maintain of register. Ensure that the presentation focuses on the following:• Introduction the entries of ironing • Importance of mechanical records • Procedure of the entries in ironingAfter the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.Arrange a visit of mechanical operational area of any 	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Record Registers	



Module-16 TRAINER GUIDE

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media	
LU1: Prepare Workstation for Measuring	<ul> <li>Deliver illustrated presentation on the preparation of workstation. Ensure that the presentation focuses on the following:</li> <li>Describing the preparation of workstation to perform any process smoothly.</li> <li>Explaining the types and importance of PPE which is used during the process.</li> <li>Describing the hazardous materials and how it may affect the performance of trainee's.</li> <li>Explaining how to set the machine according to their job card requirement.</li> <li>Explaining about to set the comfort zone of trainee's working area to perform measuring</li> <li>Briefing about the rollers of ironing machine.</li> <li>Explaining the types of PPE used in shaving process and hazardous materials which may affect the process</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Safety helmet & glasses Safety Gloves Safety Shoes Earplugs Safety Uniform Leather Measuring Machine Leather Measuring Machine Operator Manual	

Learning Unit	Suggested Teaching/	Delivery Context	Media	
	Learning Activities			
LU2: Perform Measuring	<ul> <li>Deliver illustrated presentation on Drying. Ensure that the presentation focuses on the following:</li> <li>Describing the measuring of leather and its benefits to segregation and costing of leather.</li> <li>Briefing about the measuring of leather during different stages.</li> <li>Explaining how to use the measuring machine according to their user manual.</li> <li>Explaining the performance procedure of measuring machine to stamp out the area of leather.</li> <li>Briefing the correct position to feed the leather on measuring machine.</li> <li>Briefing about the damages of leather during measuring of leather.</li> <li>Briefing about the damages of leather during measuring of leather.</li> <li>Explaining the precautionary and remedial measures of measuring machine.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask to write a types of drying according to their at least 5 articles also perform Drying of different leather according to their articles.</li> <li>trainees need to practice their skills independently to perform Drying.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either, Training Tannery Area	Computer Multimedia Leather Measuring Machine Operator Manual Hide Skin Tool Kits Measuring Tape	

Learning Unit	Suggested Teaching/ Learning Activities	Delivery Context	Media
LU3: Clean Work Place	<ul> <li>Deliver presentation on clean workplace. Ensure that the presentation focuses on the following:</li> <li>Describing the importance of cleaning of work station.</li> <li>Explaining the proper cleaning of the machine, related tools and working area.</li> <li>After the presentation, for the practical demonstrations arrange the trainees into small groups and ask that to write the importance of the cleaning of workstation after any work done.</li> <li>After that take feedback from the group. Answer any question and confirm trainee's understanding</li> <li>Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding</li> </ul>		Computer Multimedia Leather Measuring Machine Leather Measuring Machine Operator Manual Air Blower

Learning Unit	Suggested Teaching/	Delivery Context	Media	
	Learning Activities			
LU4: Maintain Measuring Register	<ul> <li>Deliver a presentation on maintain of register. Ensure that the presentation focuses on the following:</li> <li>Introduction the entries of measuring</li> <li>Importance of mechanical records</li> <li>Procedure of the entries in measuring</li> </ul>	Class Room with multimedia aid, audio visual facility and flip chart Either,	Computer Multimedia Record Registers	
	After the presentation, for the practical demonstration arrange the trainees in small groups. Provide each group different type of leather to perform drying for different type of articles.	Training Tannery Area		
	Arrange a visit of mechanical operational area of any reputable tannery to observe the practical skills of professional drying master and discussing the strengthen and weaknesses of skills of employee and trainee. Also discussed about the techniques of drying with experienced person and ask question for understanding			
	Trainees need to practice their skills independently to perform shaving of different leather.			
	After the practical sessions feedback session. Ask learners to complete a self-assessment form on their ability to carryout drying.			
	Ask questions to confirm their understanding Learners must be able to practice and develop their knowledge and skills relating to cleaning workplace in an appropriate practical setting. Ensure that learners have the opportunity to ask questions to support their understanding			

#### **Frequently Asked Questions**

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1.	What is Competency Based Training (CBT) and how is it different from currently offered trainings in institutes?	Competency-based training (CBT) is an approach to vocational education and training that places emphasis on what a person can do in the workplace as a result of completing a program of training. Compared to conventional programs, the competency based training is not primarily content based; it rather focuses on the competence requirement of the envisaged job role. The whole qualification refers to certain industry standard criterion and is modularized in nature rather than being course oriented.
2.	What is the passing criterion for CBT certificate?	You shall be required to be declared "Competent" in the summative assessment to attain the certificate.
3.	What are the entry requirements for this course?	The entry requirement for this course is 8th Grade or equivalent.
4.	How can I progress in my educational career after attaining this certificate?	You shall be eligible to take admission in the National Vocational Certificate Level-3 in Leather Products Development Technician (Pattern Maker). You shall be able to progress further to National Vocational Certificate Level-4 in Leather Products Development Technician (Computerized Pattern Designer); and take admission in a level-5, DAE or equivalent course. In certain case, you may be required to attain an equivalence certificate from The Inter Board Committee of Chairmen (IBCC).
5.	If I have the experience and skills mentioned in the competency standards, do I still need to attend the course to attain this certificate?	You can opt to take part in the Recognition of Prior Learning (RPL) program by contacting the relevant training institute and getting assessed by providing the required evidences.
6.	What is the entry requirement for Recognition of Prior Learning program (RPL)?	There is no general entry requirement. The institute shall assess you, identify your competence gaps and offer you courses to cover the gaps; after which you can take up the final assessment.
7.	Is there any age restriction for entry in this course or Recognition of Prior Learning program (RPL)?	There are no age restrictions to enter this course or take up the Recognition of Prior Learning program
8.	What is the duration of this course?	The duration of the course work is 1,510 hrs. (11 months)
9.	What are the class timings?	The classes are normally offered 25 days a month from 08:00am to 01:30pm. These may vary according to the practices of certain institutes.
10	. What is equivalence of this certificate with other qualifications?	As per the national vocational qualifications framework, the level-4 certificate is equivalent to Matriculation. The equivalence certificate can be obtained from The Inter Board Committee or Chairmen (IBCC).

11. What is the importance of this certificate in National and International job market?	This certificate is based on the nationally standardized and notified competency standards by National Vocational and Technical Training Commission (NAVTTC). These standards are also recognized worldwide as all the standards are coded using international methodology and are accessible to the employers worldwide through NAVTTC website.
12. Which jobs can I get after attaining this certificate? Are there job for this certificate in public sector as well?	You shall be able to take up jobs in the leather products making companies in the functions of cutting, stitching and finishing of leather gloves and garments.
13. What are possible career progressions in industry after attaining this certificate?	You shall be able to progress up to the level of supervisor after attaining sufficient experience, knowledge and skills during the job. Attaining additional relevant qualifications may aid your career advancement to even higher levels.
14. Is this certificate recognized by any competent authority in Pakistan?	This certificate is based on the nationally standardized and notified competency standards by National Vocational and Technical Training Commission (NAVTTC). The official certificates shall be awarded by the relevant certificate awarding body.
15. Is on-the-job training mandatory for this certificate? If yes, what is the duration of on-the-job training?	On-the-job training is not a requirement for final / summative assessment of this certificate. However, taking up on-the-job training after or during the course work may add your chances to get a job afterwards.
16. How much salary can I get on job after attaining this certificate?	The minimum wages announced by the Government of Pakistan in 2019 are PKR 17,500. This may vary in subsequent years and different regions of the country. Progressive employers may pay more than the mentioned amount.
17. Are there any alternative certificates which I can take up?	There are some short courses offered by some training institutes on this subject. Some institutes may still be offering conventional certificate courses in the field.
18. What is the teaching language of this course?	The leaching language of this course is Urdu and English.
19. Is it possible to switch to other certificate programs during the course?	There are some short courses offered by some training institutes on this subject. Some institutes may still be offering conventional certificate courses in the field.
20. What is the examination / assessment system in this program?	Competency based assessments are organized by training institutes during the course which serve the purpose of assessing the progress and preparedness of each student. Final / summative assessments are organized by the relevant qualification awarding bodies at the end of the certificate program. You shall be required to be declared "Competent" in the summative assessment to attain the certificate.
21. Does this certificate enable me to work as freelancer?	You can start your small business of stitching leather garments, gloves of other products. You may need additional skills on entrepreneurship to support your initiative.

#### National Vocational and Technical Training Commission (NAVTTC)

- 🗟 Plot 38, Kirthar Road, Sector H-9/4, Islamabad, Pakistan
- 🛸 +92 51 9044 322
- ☞ +92 51 9044 322
- 🖄 info@navttc.org
- 🛇 www.navttc.org