

072305T4LPT

LEATHER PROCESSING (TANNING) LEVEL 5

TEX/OS/LT/CR/05/5/A

Manage Tannery Waste

March/April 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACT MENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK: DETERMINE THE TOTAL SUSPENDED SOLIDS (TSS) FROM THE LIME YARD WASTE			
1. Worn the PPEs • Overall/dustcoat • Gloves • Safety boots <i>(Award 1 mark for each correctly worn 0 mark)</i>	1 1 1		
2. Practiced housekeeping practices • Identified the tools and equipment • Properly handled tools • Organized work area. <i>(Award 1 mark for each correctly done task or 0 mark)</i>	1 1 1		
SUB TOTAL	6		
TASK 1: DETERMINE TOTAL SUSPENDED SOLIDS			
3. Took a defined amount of lime waste from the specimen.	2		
4. Measured 1000 ml quantity of the lime yard waste.	2		
5. Recorded the weight of the lime yard waste in grams.	2		

6. Filtered the measured quantity of the lime yard waste.	2		
7. Strained the content to remove the remaining water from the solids obtained from the waste.	2		
8. Allowed 5 minutes to drain all water.	2		
9. Dried the filtered content at 100-105°C	2		
10. Collected the residue and put in container.	2		
11. Weighed the filtered and dried content to nearest 0.0001grams.	2		
12. Recorded the weight.	2		
13. Calculated the Total Suspended Solid in mg/L.	2		
<u>Formulae: -</u> <i>Weight of solids(g) TSS = Initial weight of lime yard waste in (g) minus (-) Final weight of dry weight solids in(g)</i> <i>(Award 2 marks for each correctly done task or 0 mark)</i>			
SUB TOTAL	22		
GRAND TOTAL	28		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent <input style="width: 50px; height: 30px; border: 1px solid black;" type="checkbox"/> Not yet Competent <input style="width: 50px; height: 30px; border: 1px solid black;" type="checkbox"/> <i>(Please tick as appropriate)</i> <i>(The candidate is competent if the candidate obtains at least 50%)</i>			

Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____