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Islamabad



LEATHER PROCESSING TECHNOLOGIST



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ASSESSMENT PACKAGE
National Vocational Certificate Level 4

Version 1 - November, 2019



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Document Version

November, 2019
Islamabad, Pakistan

LEATHER PROCESSING TECHNOLOGIST



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ASSESSMENT PACKAGE
National Vocational Certificate Level 4

Version 1 - November, 2019

Title of Qualification: Leather Processing & Quality Associate	CS Code:	Level: 4	Version: 1
Competency Standard Title: Carryout Dyeing	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <ol style="list-style-type: none"> 1. Assessment Task 1: Develop Dyeing recipe as per assessor instruction 2. Assessment Task 2: Perform Dyeing as per prepared recipe. <p>And complete:</p> <ol style="list-style-type: none"> 3. Knowledge assessment test (Written or Oral) 4. Portfolios at the time of assessment (if any)
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Develop Dyeing Recipe as per assessor instruction</p> <p>Performance Criteria 1: Note crust leather condition in a format A. Performance Criteria 2: Note Weight of crust leather in a format A. Performance Criteria 3: Prepare dyed crust leather recipe as per assessor instructions.</p>
	<p>Perform Dyeing as per prepared recipe</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE) Performance Criteria 2: Prepare and weight chemicals, dye, & auxiliaries as per leather dyeing recipe. Performance Criteria 3: Perform wetback of crust leather. Performance Criteria 4: Adjust pH for dyeing as per dyeing recipe. Performance Criteria 5: Perform dyeing as per dyeing recipe. Performance Criteria 6: Check the penetration of dyeing. Performance Criteria 7: Perform fat-liquoring as per dyeing recipe Performance Criteria 8: Check exhaustion of fat-liquor. Performance Criteria 9: Perform Fixation as per recipe Performance Criteria 10: Check pH of float. Performance Criteria 11: Perform Washing as per dyeing recipe. Performance Criteria 12: Record dyeing entries in format B.</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1: Logbook of practical work on carryout dyeing</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1: Develop Dyeing Recipe as per assessor instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Note crust leather condition in a format A.						
2	Performance Criteria 2: Note Weight of crust leather in a format A.						
3	Performance Criteria 3: Prepare dyed crust leather recipe as per assessor instructions.						
Competent <input type="checkbox"/>				Not Yet Competent <input type="checkbox"/>			

Assessment Task 2		Description of assessment task 2: Perform Dyeing as per prepared recipe		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Prepare and weight chemicals, dye, & auxiliaries as per leather dyeing recipe.			
3	Performance Criteria 3: Perform wetback of crust leather.			
4	Performance Criteria 4: Adjust pH for dyeing as per dyeing recipe.			
5	Performance Criteria 5: Perform dyeing as per dyeing recipe.			
6	Performance Criteria 6: Check the penetration of dyeing.			
7	Performance Criteria 7: Perform fat-liquoring as per dyeing recipe			
8	Performance Criteria 8: Check exhaustion of fat-liquor.			
9	Performance Criteria 9: Perform Fixation as per recipe			
10	Performance Criteria 10: Check pH of float.			
11	Performance Criteria 11: Perform Washing as per dyeing recipe.			
12	Performance Criteria 12: Record dyeing entries in format B			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio: Logbook of practical work on carryout Dyeing		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Logbook of practical work on carryout Dyeing			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

HUSSAIN LEATHER CRAFT
DYEING PROCESS REGISTER

FOR THE MONTH OF _____, YEAR OF _____

Sr. No.	LOT #	PLAN #	RECEIVE DATE	PCS	SQ.FT	ITEM/ARTICLE	ACTUAL PCS	ACTUAL SQ.FT	SHORTAGE %	COMPLETE DATE	REMARKS
1											
2											
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6											
7											
8											
9											
10											

Operator Sign _____

Supervisor Sign _____

FORMAT B

Title of Qualification: Leather Processing & Quality Associate	CS Code:	Level: 4	Version: 1
Competency Standard Title: Carryout Finishing	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>5. Prepare finishing recipe in format A as per assessor instructions 6. Develop finished leather as per prepared recipe</p> <p>And complete:</p> <p>7. Knowledge assessment test (Written or Oral) 8. Portfolios at the time of assessment (if any)</p>
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Prepare finishing recipe as per assessor instructions</p> <p>Performance Criteria 1: Check the leather condition and note in format A Performance Criteria 2: Measure the area of leather and note in format A Performance Criteria 3: Develop finishing recipe of garment leather in format A</p>
	<p>Develop finished for garment leather article as per assessor instruction</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE) Performance Criteria 2: Set the spray unit. Performance Criteria 3: Arrange finishing agents as per recipe Performance Criteria 4: Mix finishing agents as per recipe Performance Criteria 5: Apply staining coat as per recipe Performance Criteria 6: Apply Base coat as per recipe Performance Criteria 7: Apply Middle coat as per recipe Performance Criteria 8: Apply final coat as per recipe Performance Criteria 9: Record finishing entries in Format B Performance Criteria 10: Cut the swatch of finish leather and attached in format A</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1: Log sheet of practical work of carryout finishing</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1: Prepare finishing recipe in format A as per assessor instructions				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Check the leather condition and note in format A						
2	Performance Criteria 2: Measure area of leather and note in format A						
3	Performance Criteria 3: Develop finishing recipe in format A as per assessor's instructions						
Competent <input type="checkbox"/>			Not Yet Competent <input type="checkbox"/>				

Assessment Task 2		Description of assessment task 2: Develop finished leather as per prepared recipe		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Set the spray unit.			
3	Performance Criteria 3: Arrange finishing agents as per recipe			
4	Performance Criteria 4: Mix finishing agents as per recipe			
5	Performance Criteria 5: Apply staining coat as per recipe			
6	Performance Criteria 6: Apply base coat as per recipe			
7	Performance Criteria 7: Apply middle coat as per recipe			
8	Performance Criteria 8: Apply final coat as per recipe			
9	Performance Criteria 9: Record finishing entries in Format B			
10	Performance Criteria 10: Cut the swatch of finish leather and attached in format A			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio: Log sheet of practical work of carryout finishing		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Log sheet of practical work of carryout finishing			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

HUSSAIN LEATHER CRAFT
FINISHING PROCESS REGISTER
 FOR THE MONTH OF _____, YEAR OF _____

Sr. No.	LOT #	PLAN #	RECEIVE DATE	PCS	SQ.FT	ITEM/ARTICLE	ACTUAL PCS	ACTUAL SQ.FT	SHORTAGE %	COMPLETE DATE	REMARKS
1											
2											
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10											

Operator Sign _____

Supervisor Sign _____

FORMAT B

Title of Qualification: Leather Processing & Quality Associate	CS Code:	Level: 4	Version:
Competency Standard Title: Carryout Post Tanning	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within 8 hour time frame (for practical demonstration & assessment):</p> <p>9. Assessment Task 1: Develop Post Tanning Recipe as per assessor instruction.</p> <p>10. Assessment Task 2: Perform post tanning operations as per prepared recipe.</p> <p>And complete:</p> <p>11. Knowledge assessment test (Written or Oral)</p> <p>12. Portfolios at the time of assessment (if any)</p>
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Develop Post Tanning Recipe as per assessor instruction.</p> <p>Performance Criteria 1: Note shaved leather condition in Format A.</p> <p>Performance Criteria 2: Note shaved leather weight in Format A.</p> <p>Performance Criteria 3: Develop Post tanning recipe in Format A as per assessor</p> <p>.....</p>
	<p>Perform post tanning operations as per prepared recipe.</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Weigh and arrange chemicals as per post tanning recipe.</p> <p>Performance Criteria 3: Execute washing as per recipe</p> <p>Performance Criteria 4: Perform Neutralization as per recipe.</p> <p>Performance Criteria 5: Note pH of neutralization float in Format A</p> <p>Performance Criteria 6: Check neutralization of leather and note in Format A.</p> <p>Performance Criteria 7: Perform washing as per recipe</p> <p>Performance Criteria 8: Perform re-tanning as per recipe.</p> <p>Performance Criteria 9: Perform Fat-liquoring as per recipe.</p> <p>Performance Criteria 10: Perform fixation as per recipe.</p> <p>Performance Criteria 11: Check the pH of float and note in Format A</p> <p>Performance Criteria 12: Record Post Tanning Entries in Format B</p> <p>.....</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1: Logbook of practical work on carryout post tanning operation</p> <p>.....</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							
Assessment Task 1			Description of assessment task 1: Develop Post Tanning Recipe as per assessor instruction				
During the practical assessment, candidate demonstrated the following:					Yes	No	Remarks
1	Performance Criteria 1: Note shaved leather condition in Format A.						
2	Performance Criteria 2: Note shaved leather weight in Format A.						
3	Performance Criteria 3: Develop Post tanning recipe in Format A as per assessor						
Competent <input type="checkbox"/>				Not Yet Competent <input type="checkbox"/>			

Assessment Task 2		Description of assessment task 2: Perform post tanning operations as per prepared recipe		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Weigh and arrange chemicals as per post tanning recipe.			
3	Performance Criteria 3: Execute washing as per recipe			
4	Performance Criteria 4: Perform Neutralization as per recipe.			
5	Performance Criteria 5: Note pH of neutralization float in Format A			
6	Performance Criteria 6: Check neutralization of leather and note in Format A.			
7	Performance Criteria 7: Perform washing as per recipe			
8	Performance Criteria 8: Perform re-tanning as per recipe.			
9	Performance Criteria 9: Perform Fat-liquoring as per recipe.			
10	Performance Criteria 10: Perform fixation as per recipe.			
11	Performance Criteria 11: Check the pH of float and note in Format A			
12	Performance Criteria 12: Record Post Tanning Entries in Format B			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio : Logbook of practical work on carryout post tanning operation		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Logbook of practical work on carryout post tanning operation			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

FORMAT B

**HUSSAIN LEATHER CRAFT
POST TANNING PROCESS REGISTER**
FOR THE MONTH OF _____, YEAR OF _____

Sr. No.	LOT #	PLAN #	RECEIVE DATE	PCS	SQ. FT	ITEM/ARTICLE	ACTUAL PCS	ACTUAL SQ. FT	SHORTAGE %	COMPLETE DATE	REMARKS
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Operator Sign _____

Supervisor Sign _____

Title of Qualification: Leather Technologist & Quality Associate	CS Code:	Level: 4	Version: 1
Competency Standard Title: Leather Technologist & Quality Associate	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within 2 days timeframe (for practical demonstration & assessment):</p> <p>13. Assessment Task 1: Perform post tanning operations for dyed crust as per assessor instructions.</p> <p>14. Assessment Task 2: Develop finished leather for garment article from dyed leather as per assessor instructions</p> <p>15. Assessment Task 3. Perform Physical, chemical & environmental test to maintain the quality.</p> <p>And complete:</p> <p>16. Knowledge assessment test (Written or Oral)</p> <p>17. Portfolios at the time of assessment (if any)</p>
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Perform post tanning operations for dyed crust as per assessor instructions</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Check Tanned Leather condition.</p> <p>Performance Criteria 3: Weigh and Note weight of shaved leather in Format A.</p> <p>Performance Criteria 4: Develop dyed crust recipe for garment leather in Format A as per assessor instructions</p> <p>Performance Criteria 5: Weigh the weight of chemicals as per post tanning recipe.</p> <p>Performance Criteria 6: perform washing as per recipe</p> <p>Performance Criteria 7: Perform Neutralization as per recipe.</p> <p>Performance Criteria 8: Check the neutralization float & leather and note in Format A.</p> <p>Performance Criteria 9: Perform re-tanning as per recipe.</p> <p>Performance Criteria 10: Perform dyeing as per recipe.</p> <p>Performance Criteria 11: Perform Fat-liquoring as per recipe.</p> <p>Performance Criteria 12: Perform fixation as per recipe.</p> <p>Performance Criteria 13: Check the pH of float and note in Format A</p>

	<p>Develop finished leather for garment article from dyed leather as per assessor instructions</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Check the leather condition and note in format B</p> <p>Performance Criteria 3: Measure the area of leather and note in format B</p> <p>Performance Criteria 4: Develop finishing recipe for garment article in format A as per assessor instructions.</p> <p>Performance Criteria 5: Set the spray unit.</p> <p>Performance Criteria 6: Arrange the finishing agents as per recipe</p> <p>Performance Criteria 7: Mix chemicals as per recipe</p> <p>Performance Criteria 8: Apply staining coat as per recipe</p> <p>Performance Criteria 9: Apply base coat as per recipe</p> <p>Performance Criteria 10: Apply middle coat as per recipe</p> <p>Performance Criteria 11: Apply final coat as per recipe</p> <p>Performance Criteria 12: Cut the swatch of finish leather and attached in format B</p> <p>.....</p>
	<p>Perform physical, chemical & environmental test to maintain the quality</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Set the environmental condition of Lab & note in format C</p> <p>Performance Criteria 3: Cut the specimen from appropriate area.</p> <p>Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test</p> <p>Performance Criteria 5: Set the Machines as per test.</p> <p>Performance Criteria 6: Perform Tear Strength of garment leather</p> <p>Performance Criteria 7: Perform rub fastness test (wet & dry) on garment leather</p> <p>Performance Criteria 8: perform chrome content test of wet blue leather</p> <p>Performance Criteria 9: Perform total dissolve solid (TDS) test</p> <p>Performance Criteria 10: Record each test reading, calculation & results in format C</p> <p>.....</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1: Provide logbook of practical work of leather technologist & quality associate</p> <p>.....</p>

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate Signature:
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement				✓			
Each Assessment Task (with performance criteria)							

Assessment Task 1		Description of assessment task 1: Perform post tanning operations for dyed crust as per assessor instructions		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Check Tanned Leather condition.			
3	Performance Criteria 3: Weigh and Note weight of shaved leather in Format A.			
4	Performance Criteria 4: Develop dyed crust recipe for garment leather in Format A as per assessor instructions			
5	Performance Criteria 5: Weigh the weight of chemicals as per post tanning recipe.			
6	Performance Criteria 6: perform washing as per recipe			
7	Performance Criteria 7: Perform Neutralization as per recipe.			
8	Performance Criteria 8: Check the neutralization float & leather and note in Format A.			
9	Performance Criteria 9: Perform re-tanning as per recipe.			
10	Performance Criteria 10: Perform dyeing as per recipe.			
11	Performance Criteria 11: Perform Fat-liquoring as per recipe.			
12	Performance Criteria 12: Perform fixation as per recipe.			
13	Performance Criteria 13: Check the pH of float and note in Format A			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2: Develop finished leather for garment article from dyed leather as per assessor instructions		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Check the leather condition and note in format B			
3	Performance Criteria 3: Measure the area of leather and note in format B			
4	Performance Criteria 4: Develop finishing recipe for garment article in format A as per assessor instructions.			
5	Performance Criteria 5: Set the spray unit.			
6	Performance Criteria 6: Arrange the finishing agents as per recipe			
7	Performance Criteria 7: Mix chemicals as per recipe			
8	Performance Criteria 8: Apply staining coat as per recipe			
9	Performance Criteria 9: Apply base coat as per recipe			
10	Performance Criteria 10: Apply middle coat as per recipe			
11	Performance Criteria 11: Apply final coat as per recipe			
12	Performance Criteria 12: Cut the swatch of finish leather and attached in format B			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3: Perform physical, chemical & environmental tests to maintain quality		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Set the environmental condition of Lab & note in format C			
3	Performance Criteria 3: Cut the specimen from appropriate area.			
4	Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test			
5	Performance Criteria 5: Set the Machines as per test.			
6	Performance Criteria 6: Perform Tear Strength of garment leather			
7	Performance Criteria 7: Perform rub fastness test (wet & dry) on garment leather			
8	Performance Criteria 8: perform chrome content test of wet blue leather			
9	Performance Criteria 9: Perform total dissolve solid (TDS) test			
10	Performance Criteria 10: Record each test reading, calculation & results in format C			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio: Provide logbook of practical work of leather technologist & quality associate		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Logbook of leather technologist & quality control practical work			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: Leather Processing & Quality Associate	CS Code:	Level: 4	Version: 1
Competency Standard Title: Manage Quality Control	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>18. Carryout Physical Testing of leather 19. Carryout Chemical Testing in leather: 20. Carryout Environmental Testing in effluent:</p> <p>And complete:</p> <p>21. Knowledge assessment test (Written or Oral) 22. Portfolios at the time of assessment (if any)</p>
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Carryout Physical Testing of leather</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE) Performance Criteria 2: Set the environmental condition of Lab & note in format A Performance Criteria 3: Cut the specimen from appropriate area. Performance Criteria 4: Set the Machines as per test. Performance Criteria 5: Perform Tensile Strength & % of Elongation of shoe upper leather Performance Criteria 6: Perform Tear Strength of garment leather Performance Criteria 7: Perform rub fastness test (wet & dry) on garment leather Performance Criteria 8: Record each test reading, calculation & results in format A</p>

	<p>Carryout chemical testing in leather</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Set the environmental condition of Lab & note in format B</p> <p>Performance Criteria 3: Cut the specimen from appropriate area.</p> <p>Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test</p> <p>Performance Criteria 5: Perform shrinkage temperature test on tanned leather</p> <p>Performance Criteria 6: Perform fat content test of leather</p> <p>Performance Criteria 7: Perform chrome content test of wet-blue leather</p> <p>Performance Criteria 8: Perform pH test of finished leather.</p> <p>Performance Criteria 9: Record each test reading, calculation & results in format B</p> <p>.....</p>
	<p>Carryout Environmental Testing in leather effluent</p> <p>Performance Criteria 1: Wear Personal Protective Equipment (PPE)</p> <p>Performance Criteria 2: Set the environmental condition of Lab & note in format C</p> <p>Performance Criteria 3: Draw the sample as per test</p> <p>Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test</p> <p>Performance Criteria 5: Perform total dissolve solid (TDS) test</p> <p>Performance Criteria 6: Perform oil & grease content test</p> <p>Performance Criteria 7: Perform chrome content test</p> <p>Performance Criteria 8: Record each test reading, calculation & results in format C</p> <p>.....</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria 1: Log book of practical work of manage quality control</p> <p>.....</p>

Continued on following page

Each Assessment Task (with performance criteria)				
Assessment Task 1		Description of assessment task 1: Carryout Physical Testing of leather		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Set the environmental condition of Lab & note in format A			
3	Performance Criteria 3: Cut the specimen from appropriate area.			
4	Performance Criteria 4: Set the Machines as per test.			
5	Performance Criteria 5: Perform Tensile Strength & % of Elongation of shoe upper leather			
6	Performance Criteria 6: Perform Tear Strength of garment leather			
7	Performance Criteria 7: Perform rub fastness test (wet & dry) on garment leather			
8	Performance Criteria 8: Record each test reading, calculation & results in format A			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2: Carryout chemical testing on leather		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Set the environmental condition of Lab & note in format A			
3	Performance Criteria 3: Cut the specimen from appropriate area.			
4	Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test			
5	Performance Criteria 5: Perform shrinkage temperature test of cow wet blue leather			
6	Performance Criteria 6: Perform fat content test of sheep wet blue leather			
7	Performance Criteria 7: Perform chrome content test of cow wet blue leather			
8	Performance Criteria 8: Perform pH test of finished leather.			
9	Performance Criteria 9: Record each test reading, calculation & results in format A			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3: Carryout Environmental Testing in leather effluent		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Wear Personal Protective Equipment (PPE)			
2	Performance Criteria 2: Set the environmental condition of Lab & note in format C			
3	Performance Criteria 3: Draw the sample as per test			
4	Performance Criteria 4: Arrange the equipment, glass wear & reagents as per test			
5	Performance Criteria 5: Perform total dissolve solid (TDS) test			
6	Performance Criteria 6: Perform oil & grease content test			
7	Performance Criteria 7: Perform chrome content test			
8	Performance Criteria 8: Record each test reading, calculation & results in format C			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio (if any)		Description of portfolio: Log Book of practical work of manage quality control		
Current <input type="checkbox"/>	Sufficient <input type="checkbox"/>	Authentic <input type="checkbox"/>	Valid <input type="checkbox"/>	Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Log Book of practical work of manage quality control			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

