

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Mining Process Technology
Competency Standards	Perform soil profiling
Assessment Task	<p>Perform the following tasks for soil profile of the given mine site</p> <ol style="list-style-type: none"> 1. Organize area for soil profile 2. Develop soil profile <p><i>Note: Assessor should provide area, equipment's as required for the assessment.</i></p>

I can.....

Performance Criteria	Yes	No
1. Conduct work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications	<input type="checkbox"/>	<input type="checkbox"/>
2. Select appropriate type of equipment and attachments according to job specifications	<input type="checkbox"/>	<input type="checkbox"/>
3. Use appropriate personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>
4. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation	<input type="checkbox"/>	<input type="checkbox"/>
5. Stabilize soil profile through appropriate construction techniques	<input type="checkbox"/>	<input type="checkbox"/>
6. Select appropriate materials for subsoil taking into consideration vegetation requirements	<input type="checkbox"/>	<input type="checkbox"/>
7. Replicate the construction of soil profile horizons in the surrounding environment or as detailed in rehabilitation plan	<input type="checkbox"/>	<input type="checkbox"/>
8. Check landform construction is complete prior to placement of final soil layer	<input type="checkbox"/>	<input type="checkbox"/>
9. Place final soil layer in appropriate conditions to minimize damage to soil	<input type="checkbox"/>	<input type="checkbox"/>
10. Construct soil horizon following land contour to reduce water flow downslope and increase water storage capabilities	<input type="checkbox"/>	<input type="checkbox"/>
11. Add nutrients to soil where required according to rehabilitation plan and environmental guidelines	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____

Assessor's Signature _____

Date: _____

Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Perform soil profiling

National Vocational Certificate level 1 to 5, Mining Process Technology (Perform soil profiling)

Candidate Details	Name_____
Guidance for Candidate	<p>Registration/Roll Number_____</p> <p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>Perform the following tasks for soil profile of the given mine site</p> <ol style="list-style-type: none"> 1. Organize area for soil profile 2. Develop soil profile <p><i>Note: Assessor should provide area, equipment's as required for the assessment.</i></p>
Time:180 mins	<p>During a practical assessment, under observation by an assessor, you are required to demonstrating the following criteria:</p> <ol style="list-style-type: none"> 1. Conduct work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications 2. Select appropriate type of equipment and attachments according to job specifications 3. Use appropriate personal protective equipment 4. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation
Minimum Evidence Required	<ol style="list-style-type: none"> 5. Stabilize soil profile through appropriate construction techniques 6. Select appropriate materials for subsoil taking into consideration vegetation requirements 7. Replicate the construction of soil profile horizons in the surrounding environment or as detailed in rehabilitation plan 8. Check landform construction is complete prior to placement of final soil layer 9. Place final soil layer in appropriate conditions to minimize damage to soil 10. Construct soil horizon following land contour to reduce water flow downslope and increase water storage capabilities 11. Add nutrients to soil where required according to rehabilitation plan and environmental guidelines

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Perform soil profiling
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	<p>COMPETENT <input type="checkbox"/> NOT YETCOMPETENT <input type="checkbox"/></p> <p>Name of the Assessor _____ Assessor's code: _____</p> <p>Signature: _____</p>

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				✓			

Observation Checklist

Assessment Task	Perform the following tasks for soil profile of the given mine site 1. Organize area for soil profile 2. Develop soil profile <i>Note: Assessor should provide area, equipment's as required for the assessment.</i>		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1. Conduct work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications			
2. Select appropriate type of equipment and attachments according to job specifications			
3. Use appropriate personal protective equipment			
4. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation			
5. Stabilize soil profile through appropriate construction techniques			
6. Select appropriate materials for subsoil taking into consideration vegetation requirements			
7. Replicate the construction of soil profile horizons in the surrounding environment or as detailed in rehabilitation plan			
8. Check landform construction is complete prior to placement of final soil layer			
9. Place final soil layer in appropriate conditions to minimize damage to soil			
10. Construct soil horizon following land contour to reduce water flow downslope and increase water storage capabilities			
11. Add nutrients to soil where required according to rehabilitation plan and environmental guidelines			
Competent <input type="checkbox"/>	Not Yet Competent <input type="checkbox"/>		

Feedback to the Candidate	
Candidate's Signature _____	Assessor's Signature _____