

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Mining Process Technology
<b>Competency Standards</b>	Perform surface mining technique
<b>Assessment Task</b>	<p>Execute the following Surface Mining Techniques as per the given site</p> <ol style="list-style-type: none"> <li>1. Perform open pit mining</li> <li>2. Perform strip mining</li> <li>3. Perform placer mining</li> <li>4. Perform Quarrying</li> </ol>

I can.....

Performance Criteria	Yes	No
1. Carry out drill holes	<input type="checkbox"/>	<input type="checkbox"/>
2. Collect the core samples of ore deposit	<input type="checkbox"/>	<input type="checkbox"/>
3. Generate the isopach map of ore body	<input type="checkbox"/>	<input type="checkbox"/>
4. Remove top soil as required	<input type="checkbox"/>	<input type="checkbox"/>
5. Carry out drilling and blasting process	<input type="checkbox"/>	<input type="checkbox"/>
6. Remove a long strip of overlying soil and rock (the overburden)	<input type="checkbox"/>	<input type="checkbox"/>
7. Collect the core samples of ore deposit	<input type="checkbox"/>	<input type="checkbox"/>
8. Prepare site for drilling as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
9. Prepare the bench as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
10. Design pattern for drilling as required	<input type="checkbox"/>	<input type="checkbox"/>
11. Haul the mined material according to requirement	<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 surface mining technique

Candidate Details	Name_____
	Registration/Roll Number_____
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>Execute the following Surface Mining Techniques as per the given site</b></p> <ol style="list-style-type: none"> <li><b>1. Perform open pit mining</b></li> <li><b>2. Perform strip mining</b></li> <li><b>3. Perform placer mining</b></li> <li><b>4. Perform Quarrying</b></li> </ol>
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"> <li>1. Carry out drill holes</li> <li>2. Collect the core samples of ore deposit</li> <li>3. Generate the isopach map of ore body</li> <li>4. Remove top soil as required</li> <li>5. Carry out drilling and blasting process</li> <li>6. Remove a long strip of overlying soil and rock (the overburden)</li> <li>7. Collect the core samples of ore deposit</li> <li>8. Prepare site for drilling as per requirement</li> <li>9. Prepare the bench as per requirement</li> <li>10. Design pattern for drilling as required</li> <li>11. Haul the mined material according to requirement</li> </ol>
Minimum Evidence Required	

## Assessors Judgment Guide

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

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							

## Observation Checklist

<b>Assessment Task</b>	<b>Execute the following Surface Mining Techniques as per the given site</b> <ol style="list-style-type: none"> <li>1. Perform open pit mining</li> <li>2. Perform strip mining</li> <li>3. Perform placer mining</li> <li>4. Perform Quarrying</li> </ol>		
<b>During the practical assessment, candidate demonstrated the following:</b>	<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1. Carry out drill holes			
2. Collect the core samples of ore deposit			
3. Generate the isopach map of ore body			
4. Remove top soil as required			
5. Carry out drilling and blasting process			
6. Remove a long strip of overlying soil and rock (the overburden)			
7. Collect the core samples of ore deposit			
8. Prepare site for drilling as per requirement			
9. Prepare the bench as per requirement			
10. Design pattern for drilling as required			
11. Haul the mined material according to requirement			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>	

Feedback to the Candidate	
Candidate's Signature_____	Assessor's Signature_____