

Self-Assessment Checklist

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

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>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>Execute the following Surface Mining Techniques as per the given site</p> <ol style="list-style-type: none"> 1. Perform open pit mining 2. Perform strip mining 3. Perform placer mining 4. Perform Quarrying
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. 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
Minimum Evidence Required	

Assessors Judgment Guide

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

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	Execute the following Surface Mining Techniques as per the given site 1. Perform open pit mining 2. Perform strip mining 3. Perform placer mining 4. Perform Quarrying			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
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"/>	
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

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