

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Mining Process Technology
Competency Standards	Operate underground mining machines
Assessment Task	Operate the following machinery as per site condition and requirements 1. Drill Machine 2. Underground loader 3. Crane lift (Optional) 4. Shotcrete machine 5. Machines in long wall mining

I can.....

Performance Criteria	Yes	No
1. Select appropriate type of equipment attachments according to job specifications	<input type="checkbox"/>	<input type="checkbox"/>
2. Carry out start-up, park and shut-down procedures	<input type="checkbox"/>	<input type="checkbox"/>
3. Operates equipment within recommended speed, engine capability and limitations	<input type="checkbox"/>	<input type="checkbox"/>
4. Scrape and load material	<input type="checkbox"/>	<input type="checkbox"/>
5. Adjust bowl, apron and ejector to ensure constant flow of material from bowl	<input type="checkbox"/>	<input type="checkbox"/>
6. Adjust pushing speed and direction according to other equipment capabilities, material characteristics and ground conditions	<input type="checkbox"/>	<input type="checkbox"/>
7. Conduct housekeeping activities	<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)	Operate underground mining machines

Candidate Details	<p>Name_____</p> <p>Registration/Roll Number_____</p>
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>Operate the following machinery as per site condition and requirements</p> <ol style="list-style-type: none"> 1. Drill Machine 2. Underground loader 3. Crane lift (Optional) 4. Shotcrete machine 5. Machines in long wall mining
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. Select appropriate type of equipment attachments according to job specifications 2. Carry out start-up, park and shut-down procedures 3. Operates equipment within recommended speed, engine capability and limitations 4. Scrape and load material 5. Adjust bowl, apron and ejector to ensure constant flow of material from bowl Adjust pushing speed and direction according to other equipment capabilities, material characteristics and ground conditions 7. Conduct housekeeping activities
Minimum Evidence Required	

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Operate underground mining machines
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	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

Assessment Task	Operate the following machinery as per site condition and requirements <ol style="list-style-type: none"> 1. Drill Machine 2. Underground loader 3. Crane lift (Optional) 4. Shotcrete machine 5. Machines in long wall mining 			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Select appropriate type of equipment attachments according to job specifications			
2.	Carry out start-up, park and shut-down procedures			
3.	Operates equipment within recommended speed, engine capability and limitations			
4.	Scrape and load material			
5.	Adjust bowl, apron and ejector to ensure constant flow of material from bowl			
6.	Adjust pushing speed and direction according to other equipment capabilities, material characteristics and ground conditions			
7.	Conduct housekeeping activities			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

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