

## Self-Assessment Checklist

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

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	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>Operate the following machinery as per site condition and requirements</b></p> <ol style="list-style-type: none"> <li><b>1. Drill Machine</b></li> <li><b>2. Underground loader</b></li> <li><b>3. Crane lift (Optional)</b></li> <li><b>4. Shotcrete machine</b></li> <li><b>5. Machines in long wall mining</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. Select appropriate type of equipment attachments according to job specifications</li> <li>2. Carry out start-up, park and shut-down procedures</li> <li>3. Operates equipment within recommended speed, engine capability and limitations</li> <li>4. Scrape and load material</li> <li>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</li> <li>7. Conduct housekeeping activities</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>	Operate underground mining machines
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	<b>COMPETENT</b> <input type="checkbox"/> <span style="margin-left: 200px;"><b>NOT YETCOMPETENT</b> <input type="checkbox"/></span> 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

<b>Assessment Task</b>	<b>Operate the following machinery as per site condition and requirements</b>			
	<ol style="list-style-type: none"> <li>1. Drill Machine</li> <li>2. Underground loader</li> <li>3. Crane lift (Optional)</li> <li>4. Shotcrete machine</li> <li>5. Machines in long wall mining</li> </ol>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
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"/>	
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

<b>Feedback to the Candidate</b>	
<b>Candidate's Signature</b> _____	<b>Assessor's Signature</b> _____