

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	
<b>Competency Standards</b>	<b>Set-up and prepare for drilling operations</b>
<b>Assessment Task</b>	<b>Perform the following for drilling process as per the given area</b> <b>1. Prepare drilling site</b> <b>2. Mark out drill pattern</b> <b>3. Move equipment and materials to pattern</b>

I can.....

Performance Criteria	Yes	No
1. Conduct work according to site procedures, OHS, regulations, other relevant legislation and manufacturer's specifications	<input type="checkbox"/>	<input type="checkbox"/>
2. Use appropriate personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>
3. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation	<input type="checkbox"/>	<input type="checkbox"/>
4. Locate and connect ancillary services (where required)	<input type="checkbox"/>	<input type="checkbox"/>
5. Stabilize drill to minimize delays and breakdowns and ensures safety of operating personnel and continuous drilling	<input type="checkbox"/>	<input type="checkbox"/>
6. Adheres to emergency procedures to ensure safety of personnel, plant and equipment	<input type="checkbox"/>	<input type="checkbox"/>
7. Erect physical barricades and signage to protect pattern from unauthorized personnel and equipment	<input type="checkbox"/>	<input type="checkbox"/>
8. Obtain authorization for changes to drill pattern plan from relevant authority	<input type="checkbox"/>	<input type="checkbox"/>
9. Place indicators on drill pattern in preparation for hole drilling	<input type="checkbox"/>	<input type="checkbox"/>
10. Mark out drill pattern ensuring it is visible and aids the drilling process	<input type="checkbox"/>	<input type="checkbox"/>
11. Protect pre-existing drill holes according to characteristics of hole	<input type="checkbox"/>	<input type="checkbox"/>
12. Complete all required documentation clearly, concisely and on time	<input type="checkbox"/>	<input type="checkbox"/>
13. Complete pre-operational checks to confirm drill machine is ready to use as per sop	<input type="checkbox"/>	<input type="checkbox"/>
14. Determine route and destination prior to movement of equipment and materials	<input type="checkbox"/>	<input type="checkbox"/>

National Vocational Certificate level 1 to 5, Mining Process Technology (**Set-up and prepare for drilling operations**)

15. Identify potential hazards to ensure safe transportation to drill site	<input type="text"/>	<input type="text"/>
16. Align drill machine to access drill pattern efficiently as per manual	<input type="text"/>	<input type="text"/>
17. Connect ancillary as per requirement	<input type="text"/>	<input type="text"/>

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)	<b>Set-up and prepare for drilling operations</b>

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>Perform the following for drilling process as per the given area</b></p> <ul style="list-style-type: none"> <li>• <b>Prepare drilling site</b></li> <li>• <b>Mark out drill pattern</b></li> <li>• <b>Move equipment and materials to pattern</b></li> </ul>
Time:180 mins	During a practical assessment, under observation by an assessor, you are required to demonstrating the following criteria:
Minimum Evidence Required	<ol style="list-style-type: none"> <li>1. Conduct work according to site procedures, OHS, regulations, other relevant legislation and manufacturer's specifications</li> <li>2. Use appropriate personal protective equipment</li> <li>3. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation</li> <li>4. Locate and connect ancillary services (where required)</li> <li>5. Stabilize drill to minimize delays and breakdowns and ensures safety of operating personnel and continuous drilling</li> <li>6. Adheres to emergency procedures to ensure safety of personnel, plant and equipment</li> <li>7. Erect physical barricades and signage to protect pattern from unauthorized personnel and equipment</li> <li>8. Obtain authorization for changes to drill pattern plan from relevant authority</li> <li>9. Place indicators on drill pattern in preparation for hole drilling</li> <li>10. Mark out drill pattern ensuring it is visible and aids the drilling process</li> <li>11. Protect pre-existing drill holes according to characteristics of hole</li> <li>12. Complete all required documentation clearly, concisely and on time</li> <li>13. Complete pre-operational checks to confirm drill machine is ready to use as per sop</li> <li>14. Determine route and destination prior to movement of equipment and materials</li> <li>15. Identify potential hazards to ensure safe transportation to drill site</li> <li>16. Align drill machine to access drill pattern efficiently as per manual</li> <li>17. Connect ancillary as per requirement</li> </ol>

## Assessors Judgment Guide

<b>Qualification</b>	National Vocational Certificate level 1 to 5, Mining Process Technology
<b>Competency Standard(s)</b>	<b>Set-up and prepare for drilling operations</b>
<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>Perform the following for drilling process as per the given area</b> 1. Prepare drilling site 2. Mark out drill pattern 3. Move equipment and materials to pattern			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Conduct work according to site procedures, OHS, regulations, other relevant legislation and manufacturer's specifications			
2.	Use appropriate personal protective equipment			
3.	Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation			
4.	Locate and connect ancillary services (where required)			
5.	Stabilize drill to minimize delays and breakdowns and ensures safety of operating personnel and continuous drilling			
6.	Adheres to emergency procedures to ensure safety of personnel, plant and equipment			
7.	Erect physical barricades and signage to protect pattern from unauthorized personnel and equipment			
8.	Obtain authorization for changes to drill pattern plan from relevant authority			
9.	Place indicators on drill pattern in preparation for hole drilling			
10.	Mark out drill pattern ensuring it is visible and aids the drilling process			
11.	Protect pre-existing drill holes according to characteristics of hole			
12.	Complete all required documentation clearly, concisely and on time			
13.	Complete pre-operational checks to confirm drill machine is ready to use as per sop			
14.	Determine route and destination prior to movement of equipment and materials			
15.	Identify potential hazards to ensure safe transportation to drill site			
16.	Align drill machine to access drill pattern efficiently as per manual			
17.	Connect ancillary as per 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_____