

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Mining Process Technology
Competency Standards	Install ground Support
Assessment Task	Install Support for Mine using following system 1. Organize for ground support installation 2. Setup and prepare for installation 3. Assemble and install ground support

I can.....

Performance Criteria	Yes	No
1. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation	<input type="checkbox"/>	<input type="checkbox"/>
2. Use appropriate personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>
3. Select appropriate type of equipment and ground support materials according to job type, work plan specifications	<input type="checkbox"/>	<input type="checkbox"/>
4. Manage site environmental and heritage issues	<input type="checkbox"/>	<input type="checkbox"/>
5. Communicate with other personnel using approved communication methods	<input type="checkbox"/>	<input type="checkbox"/>
6. Adhere to emergency procedures	<input type="checkbox"/>	<input type="checkbox"/>
7. Remove all surface soils, vegetation and expose bedrock as required	<input type="checkbox"/>	<input type="checkbox"/>
8. Scale down loose material as per SOP	<input type="checkbox"/>	<input type="checkbox"/>
9. Position drill at designated angle and according to capacity of equipment	<input type="checkbox"/>	<input type="checkbox"/>
10. Position drill holes according to ground support design and ground support plan to maximize lamination of rock layers	<input type="checkbox"/>	<input type="checkbox"/>
11. Assemble anchors to full depth according to ground support plan	<input type="checkbox"/>	<input type="checkbox"/>
12. Drill holes to specified diameter and depth in accordance with type of ground support and work plan specifications	<input type="checkbox"/>	<input type="checkbox"/>
13. Install and tension anchors and bolt to appropriate pattern and tensioning degree	<input type="checkbox"/>	<input type="checkbox"/>
14. Install water suppression devices minimizing water infiltration to ground supports	<input type="checkbox"/>	<input type="checkbox"/>
15. Check ground support periodically and adjust stressing where required to monitor creepage	<input type="checkbox"/>	<input type="checkbox"/>
16. Conduct housekeeping activities as per SOP	<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)	Install ground support

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>Install Support for Mine using following system</p> <ol style="list-style-type: none"> 1. Organize for ground support installation 2. Setup and prepare for installation 3. Assemble and install ground support
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. Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation 2. Use appropriate personal protective equipment 3. Select appropriate type of equipment and ground support materials according to job type, work plan specifications 4. Manage site environmental and heritage issues 5. Communicate with other personnel using approved communication methods 6. Adhere to emergency procedures 7. Remove all surface soils, vegetation and expose bedrock as required 8. Scale down loose material as per SOP 9. Position drill at designated angle and according to capacity of equipment 10. Position drill holes according to ground support design and ground support plan to maximize lamination of rock layers 11. Assemble anchors to full depth according to ground support plan 12. Drill holes to specified diameter and depth in accordance with type of ground support and work plan specifications 13. Install and tension anchors and bolt to appropriate pattern and tensioning degree 14. Install water suppression devices minimizing water infiltration to ground supports 15. Check ground support periodically and adjust stressing where required to monitor creepage 16. Conduct housekeeping activities as per SOP
Minimum Evidence Required	

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Install ground support
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	Install Support for Mine using following system 1. Organize for ground support installation 2. Setup and prepare for installation 3. Assemble and install ground support			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Conduct equipment pre-start (visual) checks to ensure equipment is ready for operation			
2.	Use appropriate personal protective equipment			
3.	Select appropriate type of equipment and ground support materials according to job type, work plan specifications			
4.	Manage site environmental and heritage issues			
5.	Communicate with other personnel using approved communication methods			
6.	Adhere to emergency procedures			
7.	Remove all surface soils, vegetation and expose bedrock as required			
8.	Scale down loose material as per SOP			
9.	Position drill at designated angle and according to capacity of equipment			
10.	Position drill holes according to ground support design and ground support plan to maximize lamination of rock layers			
11.	Assemble anchors to full depth according to ground support plan			
12.	Drill holes to specified diameter and depth in accordance with type of ground support and work plan specifications			
13.	Install and tension anchors and bolt to appropriate pattern and tensioning degree			
14.	Install water suppression devices minimizing water infiltration to ground supports			
15.	Check ground support periodically and adjust stressing where required to monitor creepage			
16.	Conduct housekeeping activities as per SOP			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

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