

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Mining Process Technology
Competency Standards	Construct and maintain roads
Assessment Task	Perform the following tasks for the given mine site 1. Prepare initial plan for road construction and maintenance 2. Construct roads 3. Maintain roads

I can.....

Performance Criteria	Yes	No
1. Conduct work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications	<input type="checkbox"/>	<input type="checkbox"/>
2. Locate ancillary services and mark services out before work commences	<input type="checkbox"/>	<input type="checkbox"/>
3. Select appropriate type of equipment and attachments according to job specifications	<input type="checkbox"/>	<input type="checkbox"/>
4. Use appropriate personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>
5. Conduct equipment pre-start (visual)	<input type="checkbox"/>	<input type="checkbox"/>
6. Conform to specified road construction characteristics, and location	<input type="checkbox"/>	<input type="checkbox"/>
7. Peg road detailing direction, shape and work specification	<input type="checkbox"/>	<input type="checkbox"/>
8. Prepare road sub-base so that road material can be applied to meet planned road characteristics	<input type="checkbox"/>	<input type="checkbox"/>
9. Construct road surface to achieve required traction, maneuverability and stable haul surface for all vehicles and personnel	<input type="checkbox"/>	<input type="checkbox"/>
10. Erect and constructs road signage and safety barriers	<input type="checkbox"/>	<input type="checkbox"/>
11. Construct drains and water crossing points to aid the removal of run-off and avoid accumulation of excessive water and minimize road and environmental damage	<input type="checkbox"/>	<input type="checkbox"/>
12. Assess road conditions regularly for compliance with road design characteristics	<input type="checkbox"/>	<input type="checkbox"/>
13. Maintain condition of roads in relation to volume of traffic and future requirements	<input type="checkbox"/>	<input type="checkbox"/>
14. Identify, repair and/or report damage to road to appropriate authorities	<input type="checkbox"/>	<input type="checkbox"/>
15. Maintain effective drainage for the removal of excess water and ensure safe operating surface	<input type="checkbox"/>	<input type="checkbox"/>
16. Maintain the road surface utilizing approved dust suppressants (where applicable)	<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)	Construct and maintain roads

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>Perform the following tasks for the given mine site</p> <ol style="list-style-type: none"> 1. Prepare initial plan for road construction and maintenance 2. Construct roads 3. Maintain roads
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 work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications 2. Locate ancillary services and mark services out before work commences 3. Select appropriate type of equipment and attachments according to job specifications 4. Use appropriate personal protective equipment 5. Conduct equipment pre-start (visual) 6. Conform to specified road construction characteristics, and location 7. Peg road detailing direction, shape and work specification 8. Prepare road sub-base so that road material can be applied to meet planned road characteristics 9. Construct road surface to achieve required traction, maneuverability and stable haul surface for all vehicles and personnel 10. Erect and constructs road signage and safety barriers 11. Construct drains and water crossing points to aid the removal of run-off and avoid accumulation of excessive water and minimize road and environmental damage 12. Assess road conditions regularly for compliance with road design characteristics 13. Maintain condition of roads in relation to volume of traffic and future requirements 14. Identify, repair and/or report damage to road to appropriate authorities 15. Maintain effective drainage for the removal of excess water and ensure safe operating surface 16. Maintain the road surface utilizing approved dust suppressants (where applicable)
Minimum Evidence Required	

Observation Checklist

Assessment Task	Perform the following tasks for the given mine site			
	<ol style="list-style-type: none"> 1. Prepare initial plan for road construction and maintenance 2. Construct roads 3. Maintain roads 			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Conduct work according to site procedures, regulations, OHS, other relevant legislation, manufacturer's specifications			
2.	Locate ancillary services and mark services out before work commences			
3.	Select appropriate type of equipment and attachments according to job specifications			
4.	Use appropriate personal protective equipment			
5.	Conduct equipment pre-start (visual)			
6.	Conform to specified road construction characteristics, and location			
7.	Peg road detailing direction, shape and work specification			
8.	Prepare road sub-base so that road material can be applied to meet planned road characteristics			
9.	Construct road surface to achieve required traction, maneuverability and stable haul surface for all vehicles and personnel			
10.	Erect and constructs road signage and safety barriers			
11.	Construct drains and water crossing points to aid the removal of run-off and avoid accumulation of excessive water and minimize road and environmental damage			
12.	Assess road conditions regularly for compliance with road design characteristics			
13.	Maintain condition of roads in relation to volume of traffic and future requirements			
14.	Identify, repair and/or report damage to road to appropriate authorities			
15.	Maintain effective drainage for the removal of excess water and ensure safe operating surface			
16.	Maintain the road surface utilizing approved dust suppressants (where applicable)			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

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