

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	
Competency Standards	Perform basic electricity application
Assessment Task	Prepare the basic electricity application according to the annexure-A
	1) Perform Basic Electric Circuits
	2) Apply Basic Electrical Measurements
	3) Perform three phase connections

I can.....

Performance Criteria	Yes	No
1. Prepare series circuit on workbench using appropriate tools.	<input type="checkbox"/>	<input type="checkbox"/>
2. Prepare parallel circuit on workbench using appropriate tools.	<input type="checkbox"/>	<input type="checkbox"/>
3. Prepare series parallel circuit on workbench using appropriate tools.	<input type="checkbox"/>	<input type="checkbox"/>
4. Prepare Head and Tail Light Circuit on workbench using appropriate tools.	<input type="checkbox"/>	<input type="checkbox"/>
5. Prepare indicator circuit on workbench using appropriate tools.	<input type="checkbox"/>	<input type="checkbox"/>
6. Measure/ record voltage by using Digital Multi Meter (DMM)	<input type="checkbox"/>	<input type="checkbox"/>
7. Measure/ record current by using Digital Multi Meter (DMM)	<input type="checkbox"/>	<input type="checkbox"/>
8. Measure/ record resistance by using Digital Multi Meter.	<input type="checkbox"/>	<input type="checkbox"/>
9. Measure/ record continuity by using Digital Multi Meter.	<input type="checkbox"/>	<input type="checkbox"/>
10. Select cable gauge	<input type="checkbox"/>	<input type="checkbox"/>
11. Select cables colors	<input type="checkbox"/>	<input type="checkbox"/>
12. Connect cables	<input type="checkbox"/>	<input type="checkbox"/>
13. Make joints	<input type="checkbox"/>	<input type="checkbox"/>
14. Insulate Joints	<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)	Perform basic electricity application

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 style="padding-left: 40px;">1) Prepare the basic electricity application according to the annexure-A</p> <p style="padding-left: 80px;">a. Perform Basic Electric Circuits</p> <p style="padding-left: 80px;">b. Apply Basic Electrical Measurements</p> <p style="padding-left: 80px;">c. Perform three phase connections</p>
Time:120 mins	During a practical assessment, under observation by an assessor, you are required to demonstrate the following criteria:
Minimum Evidence Required	<ol style="list-style-type: none"> 1. Prepare series circuit on workbench using appropriate tools. 2. Prepare parallel circuit on workbench using appropriate tools. 3. Prepare series parallel circuit on workbench using appropriate tools. 4. Prepare Head and Tail Light Circuit on workbench using appropriate tools. 5. Prepare indicator circuit on workbench using appropriate tools. 6. Measure/ record voltage by using Digital Multi Meter (DMM) 7. Measure/ record current by using Digital Multi Meter (DMM) 8. Measure/ record resistance by using Digital Multi Meter. 9. Measure/ record continuity by using Digital Multi Meter. 10. Select cable gauge 11. Select cables colors 12. Connect cables 13. Make joints 14. Insulate Joints

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Perform basic electricity application
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YETCOMPETENT <input type="checkbox"/> 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

Assessment Task	1) Prepare the basic electricity application according to the annexure-A a. Perform Basic Electric Circuits b. Apply Basic Electrical Measurements c. Perform three phase connections			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Prepare series circuit on workbench using appropriate tools.			
2.	Prepare parallel circuit on workbench using appropriate tools.			
3.	Prepare series parallel circuit on workbench using appropriate tools.			
4.	Prepare Head and Tail Light Circuit on workbench using appropriate tools.			
5.	Prepare indicator circuit on workbench using appropriate tools.			
6.	Measure/ record voltage by using Digital Multi Meter (DMM)			
7.	Measure/ record current by using Digital Multi Meter (DMM)			
8.	Measure/ record resistance by using Digital Multi Meter.			
9.	Measure/ record continuity by using Digital Multi Meter.			
10.	Select cable gauge			
11.	Select cables colors			
12.	Connect cables			
13.	Make joints			
14.	Insulate Joints			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

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

Annexure-A





