

**073206T4BLD**

**BUILDING TECHNICIAN LEVEL 6**

**CON/OS/BUT/CR/03/6**

**PRODUCE MASONRY UNITS**

**July/August 2023**



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION  
COUNCIL (TVET CDACC)**

**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO THE ASSESSOR**

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has an identification tag pinned at the back and front near the shoulders showing candidate's name and registration code.

**This observation checklist consists of FIVE (5) printed pages.**

**OBSERVATION CHECKLIST**

<b>Candidate's name</b>			
<b>Unit</b>			
<b>Assessor's name &amp; Reg. code</b>			
<b>Venue of Assessment.</b>			
<b>Date of assessment</b>			
<b>Items to be evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks available</b>	<b>Marks obtained</b>	<b>Comments</b>
1. Adhered to prescribed safety as per workplace procedures and OSHA Student wore PPE <ul style="list-style-type: none"> <li>• Overall</li> <li>• Safety boots</li> <li>• Gloves</li> <li>• Apron</li> </ul> ( <i>Award ½ mark for each safety gear</i> )	2		
2. Observed environmental safety <ul style="list-style-type: none"> <li>• Safe use of tools and equipment</li> <li>• Proper workshop</li> <li>• Proper site layout</li> <li>• Proper arrangement</li> </ul> ( <i>Award 1 mark for each observation x 3 or zero</i> )	3		
3. Assembled all the required tools and equipment for the practical. <ul style="list-style-type: none"> <li>• Hammer</li> <li>• spade</li> </ul>	2		

<ul style="list-style-type: none"> <li>• trowel</li> <li>• mason square</li> <li>• float</li> <li>• mold</li> </ul> <p><i>(Award ½ a mark for each tool x 4= 2 or zero)</i></p>			
<p>4. Assembled all materials required for the practical.</p> <ul style="list-style-type: none"> <li>• Tape Measure</li> <li>• Cement</li> <li>• Water</li> <li>• Course and fine aggregates</li> </ul> <p><i>(Award ½ a mark for each material x 4=2 or zero)</i></p>	2		
<p>5. Batched correctly:</p> <ul style="list-style-type: none"> <li>• Cement</li> <li>• Water</li> <li>• concrete</li> </ul> <p><i>(Award 2 marks for each or zero)</i></p>	6		
<p>6. Mixed concrete in concrete ingredients as per standards</p> <p><i>(Award max 3 marks or zero)</i></p>	3		
<p>7. Placed concrete in moulds as per placing conventions.</p> <p><i>(Award 1 mark for each block or zero)</i></p>	3		
<p>8. Compacted and finished the top with a steel float.</p> <p><i>(Award 1mark for each x 3No or zero)</i></p>	3		
<p>9. Removed the mold appropriately</p> <p><i>(Award 1 mark for each cube x 3No or zero)</i></p>	3		
<p>10. Placed the block on the polythene sheet for curing</p>	3		

<i>(Award 1 mark for each x 3No or zero)</i>			
11. Workspace cleaned and cleared based on SOP <i>(Award 1 mark for each x 2 =2 or zero)</i>	2		
12. Completed work <ul style="list-style-type: none"> <li>• 100%</li> </ul> <i>(Award 3 marks for complete project)</i>	3		
13. Cleaned the working area as per the standard operating procedures. <i>(Award 3 marks for complete project or zero)</i>	3		
14. Tools and equipment stored based on manufacturer's instruction. <i>(Award 2 marks or zero for proper storage of equipment)</i>	2		
<b>PRODUCT CHECKLIST</b>			
15. Levelness of the surfaces <i>(Award 1 mark for each block x 3No or zero)</i>	3		
16. Dimensions (tolerance $\pm 5$ ) <ul style="list-style-type: none"> <li>• Length-194</li> <li>• Width-92</li> <li>• Height-92</li> </ul> <i>(Award 1 mark for each block x 3No or zero)</i>	3		
17. Squareness <i>(Award 1 mark for each block x 3No or zero)</i>	3		
18. No voids visible on the surface <i>(Award 1 mark for each block x 3No or zero)</i>	3		
19. Appearance <i>(Award 1 mark for each block x 3No or zero)</i>	3		
<b>GRAND TOTAL</b>	<b>55</b>		

The candidate was found to be: Competent  Not yet competent

*(Please tick as appropriate)*

***(The candidate is competent if the candidate obtains at least 50%)***

**Feedback from candidate:**

**Feedback to candidate:**

**Candidate's signature:**

**Date:**

**Assessor's signature:**

**Date:**