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073206T4CEN

CIVIL ENGINEERING TECHNICIAN LEVEL 6

CON/OS/CET/CR/04/6/A

Carry Out Road Construction Works

Nov/Dec 2024

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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks Available**	**Marks Obtained**	**Comments**
TASK 1:			
1. Adhered to prescribed safety as per workplace procedures and OSHA Candidate wore PPE • Overall *(Award 1 mark for worn overall or zero)*	**1**		

• Safety boots *(Award 1 mark for worn Safety boots or zero)* • Gloves *(Award 1 mark for worn Gloves or Zero)*	**1** **1**		
2. Observed environmental safety • Safe use of tools and equipment *(Award 1 mark or zero)*	**1**		
3. i. Selected the required tools • Wooden float *(Award 1 mark)* • Mason's trowel. *(Award 1 mark)* ii. Proper use of tools. • Wooden float *(Award 1 mark)* • Mason's trowel. *(Award 1 mark)*	 **1** **1** **1** **1**		
4. Cleared the site *(Award 3 marks)*	**3**		
5. Cleared Site dimensions • Length 1m *(Award 2marks)* • Width 0.5m *(Award 2 marks)*	 **2** **2**		
6. Excavated trench for laying channels. • Width 200mm *(Award 1 mark)* • Length 1000mm	 **1**		

(Award 1mark) • Depth 220mm *(Award 2 marks)*	**1** **2**		
7. Carried out batching according to the ratio • Lime *(Award 2 marks)* • Sand *(Award 2 marks)* • Ballast *(Award 2 marks)*	 **2** **2** **2**		
8. Carried out mixing of aggregates *(Award 3 marks)*	**3**		
9. Achieved consistent mix *(Award 3 marks)*	**3**		
Sub-Total 1	**31**		
TASK 2:			
10. Laid BRC mesh *(Award 3 marks)*	**3**		
11. • Laid mortar for channel installation *(Award 2 marks for each side of laid mortar 2x2=4 marks)* • Mortar thickness 20 mm *(Award 4 marks)*	 **4** **4**		
12. Installed the channels *(Award 2 marks for each channel installed 2x2= 4 marks)*	 **4**		
13. Haunched the installed channel			

(Award 3 marks for each channel haunched 3x2=6 marks)	**6**		
14. Placed concrete on the prepared surface *(Award 2 marks)*	**2**		
15. Pavement Surface characteristics • levelized *(Award 2 marks)* • achieved the slope *(Award 4marks or zero)*	**2** **4**		
Sub-Total 2	**29**		
GRAND TOTAL	**60**		

ASSESSMENT OUTCOME

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 the Candidate:

Feedback to the Candidate:

Candidate Signature **Date:**

_____ _____

Assessor's Signature	Date
_____	_____

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