

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)**

PRACTICE

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OBSERVATION CHECKLIST

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

• Safety boots (Award 1 mark for worn Safety boots or zero) • Gloves (Award 1 mark for worn Gloves or Zero)	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		
4. Cleared the site (Award 3 marks)	3		
5. Cleared Site dimensions • Length 1m (Award 2marks) • Width 0.5m (Award 2 marks)	2		
6. Excavated trench for laying channels. • Width 200mm (Award 1 mark) • Length 1000mm	1		

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