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073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/10/6

CONSTRUCT WASTEWATER INFRASTRUCTURE

July/Aug 2025

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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

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. Wore PPEs (Safety boots, Overall, Gloves) *(Award 3 marks or zero)*	**3**		
2. Site preparation – cleaned and levelled area as per drawing *(Award 2 marks or zero)*	**2**		
3. Setting out the drainage channel. • Length of the drainage channel 2000mm *(Award 2 marks 2 x2=4)* • Width of the drainage channel 500mm *(Award 2 marks 2 x2=4)*	**4** **4**		
Sub-total 1	**13**		
TASK 2			
4. Excavation • Length of the drainage channel 2000mm	**4**		

(Award 2 marks 2 x2=4) • Width of the drainage channel 500mm *(Award 2 marks 2 x2=4)* • Depth of the drainage channel 300mm *(Award 4 marks or zero)*	**4** **4**		
Sub-total 2	**12**		
TASK 3			
5. Stone pitching. • Stones arranged in slope *(Award 4 marks = 4 marks or zero)* • Stones arranged back slope *(Award 4 marks = 4 marks or zero)* • Achieved space for bonding *(Award 2 marks or zero)* • Alignment of stones surfaces *(Award 2 marks or zero)*	**4** **4** **4** **4**		
6. Grouting • Mix lime mortar *(Award 2 marks or zero)* • Bonded all spaces on the in slope *(Award 4 marks or zero)* • Bonded all spaces on the back slope *(Award 4 marks or zero)*	**2** **4** **4**		
Sub-total 3	**24**		
TASK 4			
7. Drain lining			

• Prepare the drain lining bed *(Award 3 marks or zero)* • Achieved homogeneous mix *(Award 3 marks or zero)* • Laid the drain lining bed *(Award 3 marks or zero)* • Spread and levelled the drain ling bed *(Award 2 marks or zero)*	**3** **3** **3** **2**		
Sub-total 4	**11**		
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**

_____ _____