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073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/03/6

DESIGN BASIC PAVEMENT STRUCTURES

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	
Assessor's 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. Collect all necessary tools and materials *(Award 3 marks or zero)*	**3**		
3. Set out the pothole area. • Measured length (500mm) correctly *(Award 2 marks or zero)* • Measured width (500mm) correctly *(Award 2 marks or zero)*	**2** **2**		
4. Excavation of marked/ cut area as per the drawing *(Award 3 marks for excavation)* 5. Achieved 300mm depth *(Award 3 marks for correct depth)*	**3** **3**		

6. Removed and properly disposed excavated soil from the pothole. *(Award 4 marks or zero)*	**4**		
Sub-Total 1	**20**		
TASK 2			
7. Hardcore hand packing • Vertical arrangement of hardcore particles. *(Award 5 marks or zero)* • Filling of the hardcore voids. *(Award 2 marks or zero)* • Hand compaction of hardcore surface. *(Award 5 marks or zero)* • Achieved 250 mm depth *(Award 3 marks for correct depth)*	**5** **2** **5** **3**		
Sub – Total 2	**15**		
TASK 3			
8. Lime stabilized gravel. • Uniformly mixed gravel and lime *(Award 4 marks or zero)* • Uniformly spread base *(Award 3 marks or zero)* • Compacted base *(Award 3 marks or zero)* • Achieved 50 mm thickness *(Award 5 marks for correct depth)*	**4** **3** **3** **5**		
Sub- Total 3	**15**		
GRAND TOTAL	**50**		
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** _____ _____