

073206T4CEN

CIVIL ENGINEERING LEVEL 6

CON/OS/CET/CR/10/6/A

Design Basic Pavement Structures

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency			
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
1. Adhered to prescribed safety as per workplace procedures and OSHA Student wore PPE <ul style="list-style-type: none"> Overall 			

<p>(Award 1 mark or Zero)</p> <ul style="list-style-type: none"> • Safety boots <p>(Award 1 mark or Zero)</p>	1		
<p>2. Observed environmental safety</p> <ul style="list-style-type: none"> • Safe use of tools and equipment <p>(Award 1 mark or Zero)</p> <ul style="list-style-type: none"> • Proper workshop/site layout/proper arrangement <p>(Award 1 mark or Zero)</p>	1		
<p>3. Interpreted the Drawing correctly</p> <p>(Award 4 marks or zero)</p>	4		
<p>4. Used tools and equipment correctly based on the requirements of the job.</p> <ul style="list-style-type: none"> • Builders line <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Spirit level <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Wooden pegs <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Wooden float <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Steel float <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Masons hammer <p>(Award 1 mark or zero)</p> <ul style="list-style-type: none"> • Stamper <p>(Award 1 mark or zero)</p>	1		
<p>5. Cleared site</p> <p>(Award 2 marks or zero)</p>	2		

6. Removed top soil from an area enough for the project. (Award 2 marks or zero)	2		
7. Set out the road section as per Drawing 1 (Award 2 marks or zero)	2		
8. Placed and compacted gravel (marram) in 3 layers of 50mm each. (Award 2 marks for each layer ,2 x3=6 marks)	6		
9. Excavated for side drains as per the drawing. (Award 2 marks for each side 2x2=4 marks)	4		
10. Batched and mix mortar. <ul style="list-style-type: none"> • batching (Award 2 marks or zero) • mixing (Award 3 marks or zero) 	2 3		
11. Casted the side drains as per the drawing. (Award 2 marks for each side 2x2=4 marks)	4		
SUB TOTAL	40		
PRODUCT CHECKLIST			
1. Measurement(\pm 2mm tolerance) <ul style="list-style-type: none"> • 1000mm (Award 1mark each 1x2 = 2 marks) • 900mm (Award 1mark each 1x2 = 2 marks) • 500 mm (Award 1mark each 1x2 = 2 marks) • 75 (Award 1mark each 1x2 = 2 marks) • 150 (Award 1mark each 1x2 = 2 marks) 	2 2 2 2 2		

2. Cambered the pavement surface (Award 2 marks or zero)	2		
3. General appearance (Award 3 marks or zero)	3		
4. Completion (Award 5 marks or zero)	5		
SUBTOTAL	20		
GRAND TOTAL	60		
Percentage			
<p>The candidate was found to be:</p> <p>Competent <input type="checkbox"/> Not Yet Competent <input type="checkbox"/></p> <p><i>The candidate is found to be competent if he/she gets 50% and above of the items of evaluation correct</i></p> <p style="text-align: center;">—</p>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:	<i>Date</i>		
Assessor's signature:	<i>Date</i>		

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