

073106T4LAS

LAND SURVEY LEVEL 6

LSM/OS/LS/CR/04/6/A

Conduct Hydrographic Survey

Nov/Dec 2024



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

PRAC**ESSMENT****OBSER****HECKLIST**

Candidate's Name & Registration Code			
Assessor's 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
1. Identified and used PPEs appropriately - Dust coat/reflectors - Safety boots <i>(Award 1 mark for each PPE = 2 marks)</i>	1 1		
Sub-total 1	2		

Task 1: Selected a suitable site, and did a reconnaissance of the area			
2. Removed obstacles	2		
3. Established points A, B, C, D, E and F (Award marks as indicated = 6 marks)	4		
Sub-total 2	6		
Task 2: Identified a suitable TBM.			
4. Selected a suitable TBM and pegged (Award marks as indicated = 2 marks)	2		
Sub-total 3	2		
Task 3: Set up the level			
5. Accurately set up the Dumpy level - Handled Dumpy level with care - Levelling - Focussing (Award marks as indicated = 6 marks)	2 2 2		
Sub-total 4	6		
Task 4: Booked and reduced the staff readings correctly			
6. Correctly booked the observations	5		
7. Accurately reduced the observations	10		
8. Applied Arithmetic Checks (Award marks as indicated = 18 marks)	3		
Sub-total 5	18		
Task 4: Determined the chainages of the six points and plotted the ground profile			

9. Accurately determined the chainages of the six points	3		
10. Plotted the ground profile	4		
• Accurately plotted the profile	2		
• Correct choice of scale	2		
• Neatness	2		
• Completeness	3		
• Accurately determined the gradient			
(Award 16 marks as indicated = 16 marks)			
Sub-total 6	16		
Total	50		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if s/he gets a</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate Signature		Date:	
_____		_____	
Assessor's Signature		Date	
_____		_____	