

073106T4QSV

QUANTITY SURVEYING LEVEL 6

ENG/OS/QS/CR/01/6/A

Conduct Engineering Survey

Nov/Dec 2024



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

**PRACTICAL ASSESSMENT**

**OBSERVATION CHECKLIST**

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1: SETTING UP AND POSITIONING STAFF</b>			
1. Used the appropriate PPEs <ul style="list-style-type: none"> <li>• Helmets</li> <li>• Safety boots.</li> <li>• Reflective jacket</li> </ul> <i>(Award 1 marks each for any correct PPEs)</i>	<b>3</b>		

2. Prepared the site location sufficient for setting up the instrument correctly. <i>(Award 1 mark for correct site clearance)</i>	<b>1</b>		
3. Identified the levelling tools: <ul style="list-style-type: none"> <li>• Dumpy level</li> <li>• Levelling staff</li> <li>• Tripods</li> </ul> <i>(Award 1 marks each for any correct identification of the tools. 1x3=3marks)</i>	<b>3</b>		
4. Identified the datum correctly. <i>(Award 1 marks each for correctly identified datum)</i>	<b>1</b>		
5. Set up the dumpy level correctly clearly getting the observation line <ul style="list-style-type: none"> <li>• Plumbness of the machine</li> <li>• Positioning of the tripod</li> <li>• Level of the instrument</li> </ul> <i>(Award 1 mark each for each correct set up)</i>	<b>3</b>		
6. Positioned the staff correctly by accurately observing verticality when holding the staff. (Plumbness) <i>(Award 2 marks for correct positioning of the staff)</i>	<b>2</b>		
7. Obtained staff readings using the dumpy level. <i>(Award 1 marks each three correctly read levels. 1x3=3marks)</i>	<b>3</b>		
8. Booked records in the sheet provided. <i>(Award 2 marks for correct booking of records)</i>	<b>2</b>		
9. The candidate disassembled the instruments and packed them correctly and safely.	<b>1</b>		

(Award 1 mark for correct disassembly of the instruments as per the set out procedure)			
<b>Sub-Total 1</b>	<b>19</b>		
<b>TASK 2: LEVELLING</b>			
10. Set up level (pegs) A, B, C correctly as per the operating procedures. <i>(Award 4 marks for each correct setting of the three positions, A, B and C)</i>	<b>12</b>		
11. Observed accuracy during the levelling process. <i>Award 2 marks for 50% accuracy Award 3 marks for 75% accuracy Award 5 marks for 100% accuracy</i>	<b>5</b>		
<b>Sub-Total 2</b>	<b>17</b>		
<b>GRAND TOTAL</b>		<b>36</b>	
<b>ASSESSMENT OUTCOME</b>			
The candidate was found to be:			
Competent <input type="checkbox"/>		Not yet Competent <input type="checkbox"/>	
<i>(Please tick as appropriate)</i>			
<i>(The candidate is competent if the candidate obtains at least 50%)</i>			
<b>Feedback from the Candidate:</b>			
<b>Feedback to the Candidate:</b>			
<b>Candidate Signature</b>		<b>Date:</b>	
_____		_____	
<b>Assessor's Signature</b>		<b>Date</b>	
_____		_____	