

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

URS

INSTRUCTIONS TO THE CANDIDATE

1. You are required to perform the following tasks:
 - i. Chose a suitable site with a fairly shallow river/stream or ground river model
 - ii. Mark six points 5m apart on one bank of the selected river/model and label them as A, B, C, D, E and F
 - iii. Identify a suitable TBM within the site having a reduced level of 512.570m
 - iv. Identify a suitable location within the site and set up the instrument.
 - v. Take the staff reading of the six points and find their reduced levels using Rise and Fall Method.
 - vi. Assuming the chainage of point A is 100. 25m.Find the chainages of all the other points
 - vii. Using a suitable scale plot the ground profile on the graph paper and determine the gradient between the first and the last point along the river/model
2. You have been provided with the following resources for the practical tasks:

- Shallow river/stream or ground acting as river model
 - Dumpy/automatic level with tripod
 - 30 m/50m/100m steel tape
 - Levelling staff
 - Levelling booking sheets
 - Writing materials (Foolscap)
 - Graph paper
 - Making tape
3. You are required to have two non-candidate assistants.