

071306T4EEN

ELECTRICAL ENGINEERING (POWER OPTION) LEVEL 6

ENG/OS/PO/CR/01/6

Perform Electrical Installation

Nov/Dec 2024



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

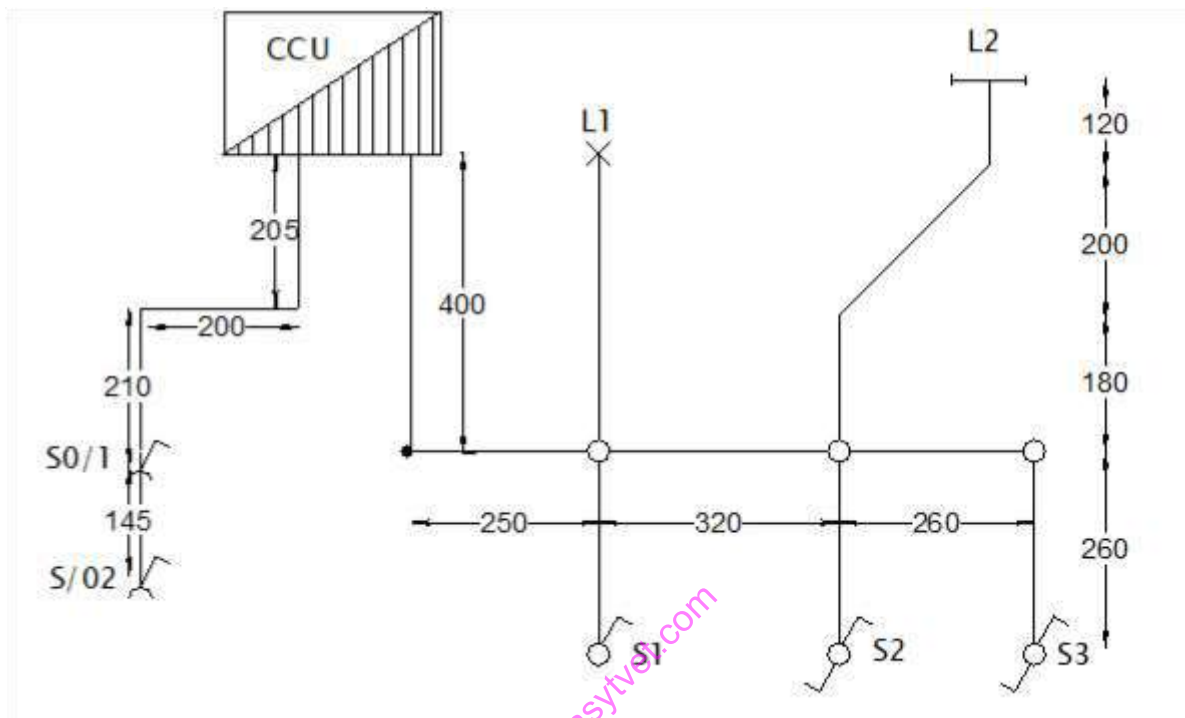
PRACTICAL ASSESSMENT

3 HOURS

INSTRUCTIONS TO CANDIDATE

- 1) **Task.** You are supposed to install lamps and sockets
- 2) You are provided with the following materials
 - i. Installation board
 - ii. Cable PVC sheathed (2.5mm²)
 - iii. Sockets (1 gang one way)
 - iv. Wood screws assorted
 - v. Pliers
 - vi. Side cutter
 - vii. Ball peen hammer

3) Mount the installation as per figure below



1: Draw a wiring diagram for the schematic diagram shown above.

2: Using PVC sheathed wiring system on the surface, install the final circuits on the installation board such that;

- a) Lamp L2 is controlled from two positions S2 and S3
- b) Lamps L1 is controlled from switch S1
- c) Socket outlet are wired in radial

THIS IS THE LAST PRINTED PAGE.