071304T4EIN

ELECTRICAL INSTALLATION LEVEL 4

ENG/OS/EI/CR/01/4/A

Perform Electrical Installation

July/August 2024

Time: 4 Hours



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

PRACTICAL ASSESSMENT 4 HOURS

INSTRUCTIONS TO CANDIDATE:

- 1. Do not write on the question paper.
- 2. A separate plain paper will be provided.
- 3. Return this paper to assessor at the end of assessment.

This tool consists of TWO (2) printed pages.

Candidate should check the question paper to ascertain that

all the pages are printed as indicated and that no questions are missing.

Figure 1 shows a layout of a domestic electrical installation with two final circuits.

Referring to the figure, carry out the following tasks:

TASK 1: Draw a well labeled wiring diagram such that:

- i. Lamps are controlled separately by the switch;
- ii. Socket outlets are wired in a ring.
- **TASK 2:** Using PVC heavy gauge conduit, install the circuits.
- **TASK 3:** Carry out the following tests and test the circuit for correct operation;
 - i. Continuity test
 - ii. Polarity test.

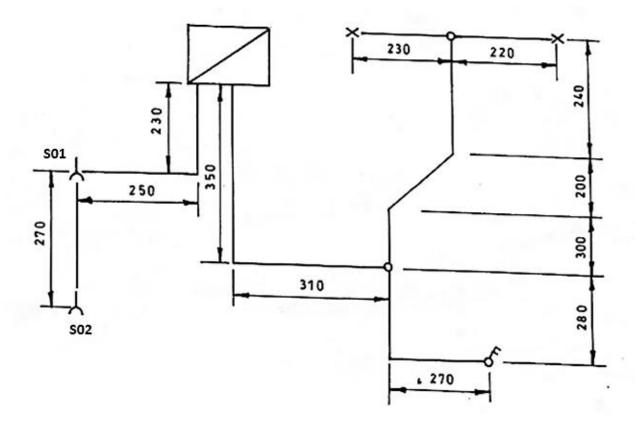


Figure 1

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