

071305T4EOP

ELECTRICAL OPERATOR LEVEL 5

ENG/OS/PO/CR/01/5/A

PERFORM ELECTRICAL INSTALLATION

July/August 2024

Time: 3 Hours



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

**PRACTICAL ASSESSMENT
3 HOURS**

INSTRUCTIONS TO CANDIDATE:

1. Do NOT write on the question paper
2. Do NOT switch ON power without assessor's permission
3. A separate plain paper will be provided
4. Return the question paper to the assessor at the end of practical.

This paper 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 diagram of equipment at consumer's intake point and two final circuits.

Referring to the figure, carry out the following tasks:

TASK 1: Draw a wiring diagram such that the:

- i. Lamps L1 and L2 are operated from two independent positions.
- ii. Industrial socket outlet is wired from the isolator.

TASK 2: Install the circuit using the PVC heavy gauge conduits.

TASK 3: Carry out the following test and record results:

- i. Continuity test;
- ii. Polarity test;
- iii. Insulation resistance test.

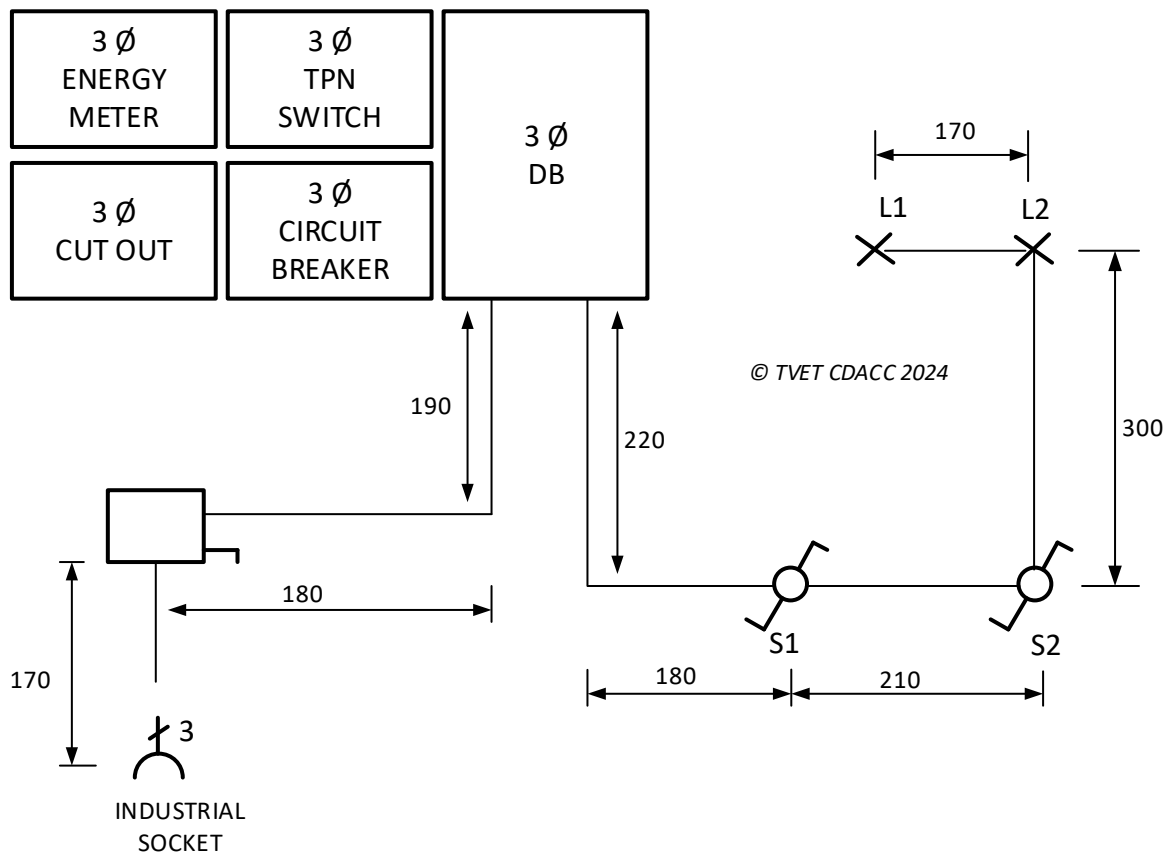


Figure 1

THIS IS THE LAST PRINTED PAGE.