

073206T4BLD

BUILDING TECHNICIAN LEVEL 6

CON/OS/BUT/CR/09/6A

INSTALL BUILDING SERVICES

Nov/Dec 2023



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

PRACTICAL ASSESSMENT

TIME: 6 HOURS.

INSTRUCTIONS TO CANDIDATES

1. **Figure 1.** shows a layout diagram of an electrical installation project. In this practical assessment you are required to perform the following tasks:
 - a. Install the circuit using PVC sheathed wiring system on surface lamp L1 is controlled from three different positions S1, S2 and S3 independently Lamp L2 is controlled from S1 and the socket outlets are connected in ring
 - b. Carry out the continuity test

You are allowed to engage one helper during practical who is **NOT** a candidate.

2. You are provided with the following resources to carry out the tasks:

Tools/Equipment	Materials
<ul style="list-style-type: none"> • Tape measure • Spirit level • Tester • Helmet • Safety Boots • Dust Coat 	<ul style="list-style-type: none"> • 1.5mm² PVC sheathed cable • 2.5mm² PVC sheathed cable • Shallow and deep pattress boxes • 2-way switches • intermediate switch • Lamp holders • Lighting bulbs • Socket outlets • 4-way Consumer control unit

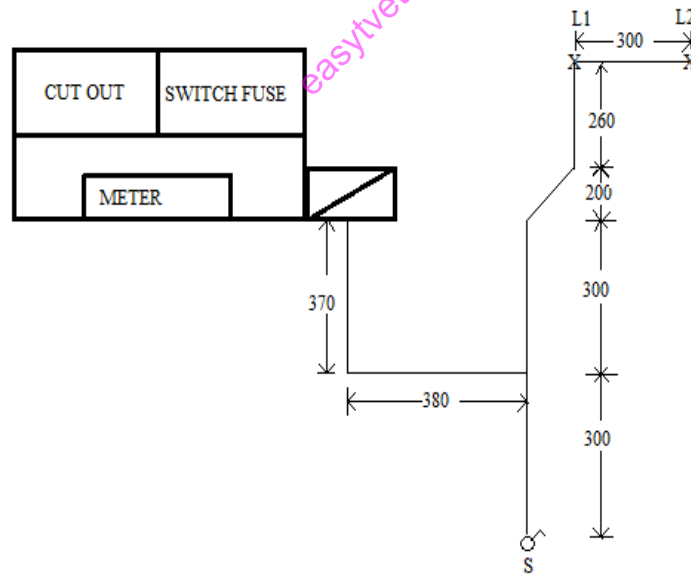


Figure 1: Layout diagram