

071306T4EEN

Electrical Engineering (Power Option) Level 6

ENG/OS/PO/CR/03/6

Install Electrical Machine

July/August 2023

Time: 4 Hours



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

PRACTICAL ASSESSMENT

4 HOURS

INSTRUCTIONS TO CANDIDATE

Do not write on the question paper

DO NOT switch ON power without assessor's permission

A separate plain paper will be provided

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 of electric motor installation.

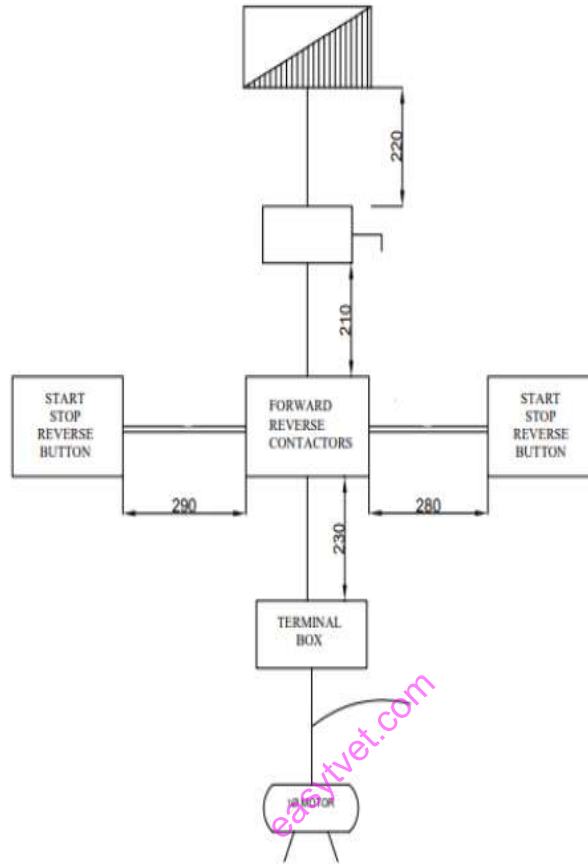


Figure 1

Carry out the following tasks:

TASK 1: Assemble tools and materials to be used.

TASK 2: Draw the wiring diagram for the installation.

TASK 3: Using PVC conduit system, install the motor for forward reverse operation.

TASK 4: Inspect and test the three-phase induction motor for correct operation.

THIS IS THE LAST PRINTED PAGE.