

Qualification Code : 071306T4EEN
Qualification : Electrical Engineering Technician Level 6
Unit Code : ENG/OS/PO/CR/03/6
Unit of Competency : Install Electrical Machine
Nov. /Dec. 2022



THE KENYA NATIONAL EXAMINATIONS COUNCIL

PRACTICAL ASSESSMENT

Time: 2 Hours

INSTRUCTIONS TO CANDIDATE:

- i. Do not write on the question paper as separate plain paper will be provided
- ii. Return the paper to assessor at the end of assessment
- iii. DO NOT switch ON power without permission from the assessor

This paper consists of THREE (3) printed pages

Figure 1 shows a layout diagram of a three phase induction motor direct-on-line forward-reverse operation with a jog station to be installed using PVC mini trunking.

Referring to the figure, carry out the following tasks:

TASK 1: List down tools and materials required

TASK 2: Draw power and control wiring diagrams

TASK 3: Install the motor for correct operation

TASK 4: Carry out the following tests for:

- i. Polarity
- ii. Continuity
- iii. Correct operation

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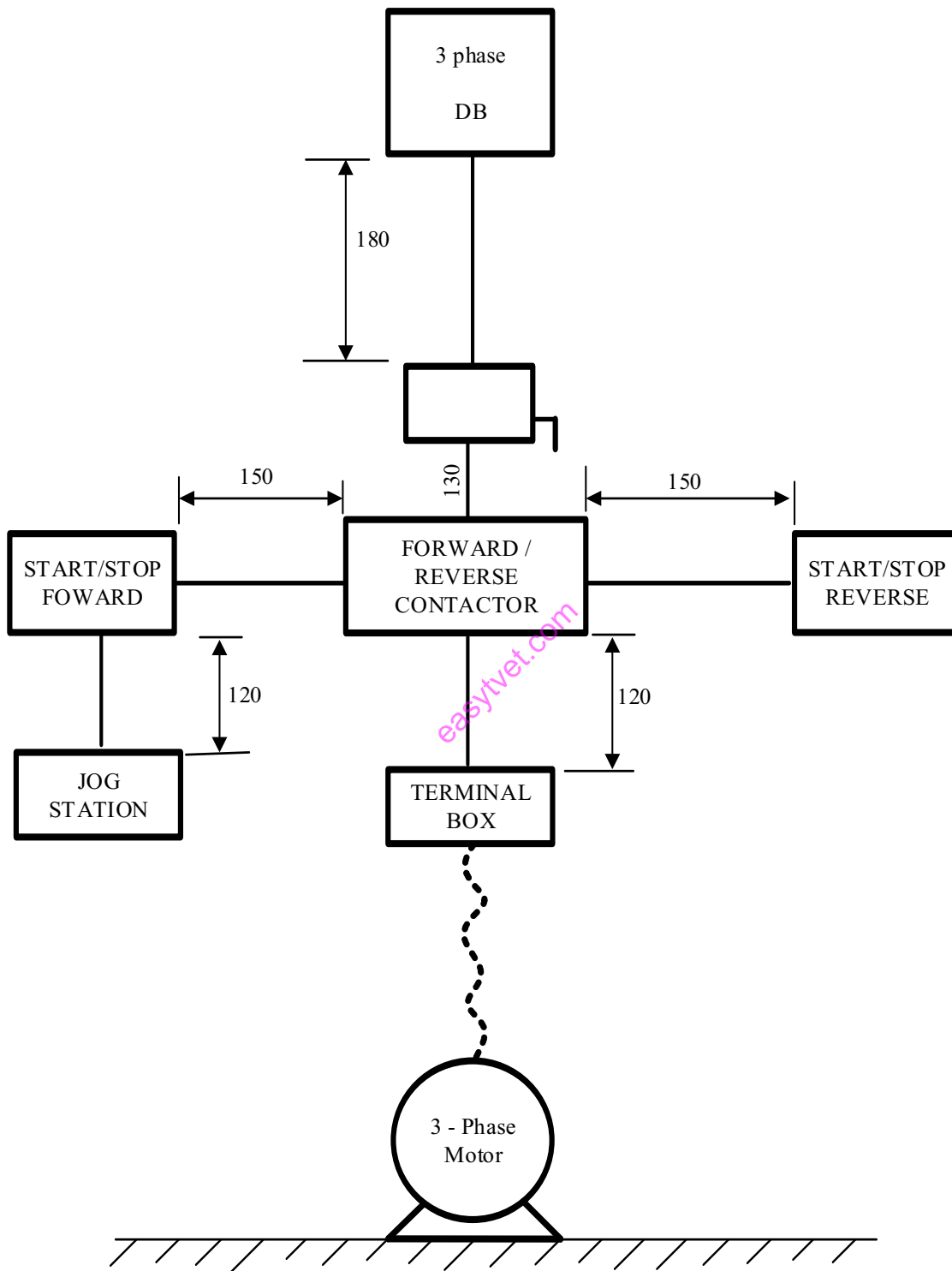


Figure 1

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