

071605T4MCT

MECHATRONIC TECHNOLOGY LEVEL 5

ENG/OS/MC/CR/02/5/A

Maintain Electro-Mechanical Systems

March/April 2025



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

PRACTICAL ASSESSMENT

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INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the maintenance tasks on the DLFA-565B electromechanical installation and control training system shown in *Figure 1*:

TASK 1: Identify DLFA-565B equipment components.

TASK 2: Troubleshoot and perform maintenance activities on the electrical system.

TASK 3: Troubleshoot and perform maintenance activities on the pneumatic system.

TASK 4: Perform maintenance activities on the conveyor system.

TASK 5: Test and operate the system, and perform housekeeping.

2. You have been provided with the following resources for the practical tasks:

- i. DLFA-565B Automatic production line
- ii. Screwdriver (Star & Flat)
- iii. Digital Multimeter
- iv. Allen Key Set
- v. Pliers
- vi. Wire Stripper
- vii. DLFA-565B Equipment's block workpieces

