

071305T4ELC

ELECTRONICS ENGINEERING LEVEL 5

ENG/OS/ET/CR/05/5/A

Maintain Radio Frequency Systems

March/April 2025



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

PRACTICAL ASSESSMENT

Time: 3 HOURS

1. You are required to perform the following tasks

TASK 1: Prepare a maintenance checklist.

TASK 2: Prepare a list of maintenance tools, equipment and materials

TASK 3: Perform repair and maintenance activities.

TASK 4: Testing circuit functionality

TASK 5: Write a maintenance report

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

- i. Faulty model of an infrared-based radar system
- ii. Equipment label

You are required to perform repair and maintenance on the model for the radar system to function as follows.

- When an object is placed in front of the system, the LED light up.

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