

071306T4EEN

ELECTRICAL ENGINEERING (POWER OPTION) LEVEL 6

ENG/OS/PO/CR/06/6

Install Security Systems

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

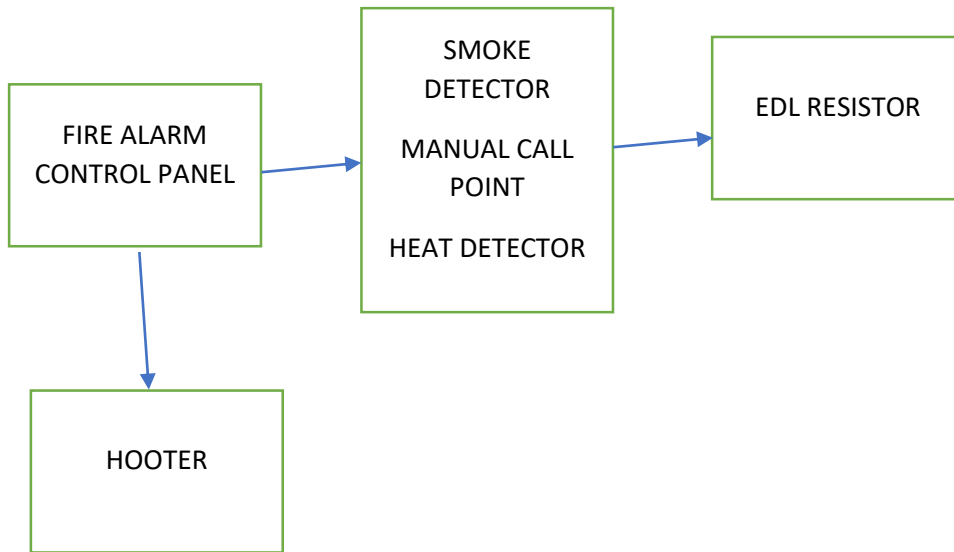
Time: 4 HOURS

INSTRUCTIONS TO CANDIDATE

1. You are required to perform the following task:
 - i. **Task:** Install a fire alarm system
2. You have been provided with the following resources:

i. Fire alarm control panel (Conventional)	ii. EDL resistor
iii. Smoke detector	iv. Hooter (9dB TO 12dB)
v. Manual call point	vi. 0.75 mm cables
vii. Heat detector	viii. Drawing paper/foolscap

TASK : Mount the fire alarm system components as per the block diagram.



- i.** Draw the wiring diagram for the circuit
- ii.** Wire the components
- iii.** Test the circuit