

071306T4ELC

ELECTRONICS ENGINEERING LEVEL 6

ENG/OS/ET/CR/02/6/A

Install Power Supply Systems

July/August 2025



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

| CU   |                                 | IST                        |             |
|------|---------------------------------|----------------------------|-------------|
| S/NO | ITEMS                           | QUANTITY<br>per candidate) | PROVIDED BY |
| 1.   | 230/110V transformer            | 1                          | Institution |
| 2.   | Fixed resistor 10 k $\Omega$    | 1                          |             |
| 3.   | Fixed resistor 1k $\Omega$      | 1                          |             |
| 4.   | Variable resistor 10 k $\Omega$ | 1                          |             |
| 5.   | Thyristor OE-101                | 1                          |             |
| 6.   | Diode BY127                     | 1                          |             |
| 7.   | CRO                             | 1                          |             |
| 8.   | Ammeter 0 - 10 mA               | 1                          |             |
| 9.   | Copper Strip board              |                            |             |
| 10.  | Solder wire                     | Enough                     |             |
| 11.  | Soldering iron                  | 1                          |             |
| 12.  | Desoldering pump                | 1                          |             |
| 13.  | Jumper wires                    | Enough                     |             |

|            |                  |          |           |
|------------|------------------|----------|-----------|
| <b>14.</b> | A4 Plain paper   | 1        |           |
| <b>15.</b> | Toggle switch    | 1        |           |
| <b>16.</b> | Stationary       | assorted | Candidate |
| <b>17.</b> | Side cutter      | 1        |           |
| <b>18.</b> | Long nose pliers | 1        |           |
| <b>19.</b> | Multimeter       | 1        |           |