

MODULE I

ELECTRICAL ENGINEERING LEVEL 3, LEVEL 4 LEVEL 5, LEVEL 6

ENG/OS/EI/CR/03/3/MA

Install Conduit System

May-July 2026



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

CUTTING LIST (PER CANDIDATE)

S/N	Item	Quantity	Provided By
1.	Wooden board 2m by 2m	1pc	Centre
2.	Stock and die	1 pc	Centre
3.	Conduit bending machine	1 pc	Centre
4.	Wood screws	Enough	Centre
5.	Hacksaw - complete	1pc	Centre
6.	20mm Steel metallic conduit	2pcs	Centre
7.	20mm metallic Elbow/angle box	1pcs	Centre
8.	20mm metallic 3-way box	1pc	Centre
9.	20mm metallic 4-way box	1pc	Centre
10.	20mm metallic End box	1pc	Centre
11.	Metallic 1gang 1 way switch	1 pc	Centre
12.	Metallic 1gang 2 way switch	2 pcs	Centre
13.	Cable 1.5mm ² (Red, Black, Green)	5m	Centre
14.	Cable 2.5mm ² (Red, Black, Green)	2m each	Centre
15.	Conduit (PVC, 20mm heavy gauge)	3pcs	Centre

16.	20mm metallic male & female bushes	6pcs	Centre
17.	20mm PVC 3-way Junction box	1pc	Centre
18.	20mm PVC 4-way Junction box	1pc	Centre
19.	20mm PVC End box	1pc	Centre
20.	20mm PVC Male/Female bushes	4pcs	Centre
21.	Saddles (Metallic, 20mm)	10pcs	Centre
22.	Four-way Consumer control unit	1pc	Centre
23.	63A double pole mcb	1pc	Centre
24.	15 A single pole mcb	1pc	Centre
25.	6/10 a mcb	1pc	centre
26.	1-gang, 2-way switch	2pcs	Centre
27.	1-gang 1-way switch	1 pc	centre
28.	Socket outlet 13A	3pcs	Centre
29.	Shallow pattress	3 pcs	Centre
30.	4ft LED /fluorescent fitting	1pc	centre
31.	Deep pattress single	3 pcs	Centre
32.	Bulb holder (batten type)	2 pcs	Centre
33.	Insulation tape (Red, Black, Green)	Enough	Candidate
34.	Soldering gun	1pc	Candidate
35.	Complete toolbox	1pc	Candidate
36.	Helmet	1pc	Candidate
37.	Dust coat/overall	1pc	Candidate
38.	Safety boots	1pc	Candidate