

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Electrical Installation Code of Practice

Course Objective

The course equips participants with the skills and knowledge to carry out testing and inspection of electrical works in compliance with the new Code of Practice for Electrical Installations. The Code is a major revision of the Singapore Standard CP5: 1998 and is a modified adoption of BS 7671:2008 (17th Edition of IET Wiring Regulations).

Course Content

- Comprehend the scope, object and fundamental principles on the code of practice
- Identify the new provisions in SS 638: 2018
- Assess the general characteristics and particular requirements of an electrical installation
- Interpret the design requirement for electrical installations with appropriate earthing and bonding for protection against electric shock
- Select and size cables based on current-carrying capacity and voltage drop calculations
- Interpret design for protection against overcurrent and faults
- Select and erect the appropriate electrical equipment
- Explain inspection and testing requirements for LV installation
- Interpret the requirements for special installations or locations

Level of Proficiency

Intermediate

Entry Requirement / Course Advisory

Recommended for Electrical Workers preparing for LEW certification, Electrical Supervisor and Residential Technical Officer

Certification Awarded

Certificate of Competency

Course Details

Duration (Hours):

30

Training Venue:

ITE College East
10 Simei Avenue

Singapore 486047

Course Fees (inclusive of GST)

Full Fee

- \$ 642.00

NETT Fee

(after 70% course fee subsidy)

- \$ 192.60

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$ 72.59

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$ 42.59

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month