

PREPARATION COURSE FOR ELECTRICAL WORKER

This two-day short course aims to provide participants with a good understanding of the Singapore Electricity Act and Regulations governing the electrical industry. Various Code of Practices & Proper Industrial Practices are to be discussed.

DATE & TIME

- 10 & 13 July 2026
- 9:00am to 5:00pm
(Registration starts at 8.45am)

VENUE

- CETM Campus
- 19 Kallang Ave, #02-159, Singapore 339410

COURSE FEES:

- S\$750*/pax *Subject to 9% GST

Course fee will include lecture materials, lunch and two coffee/tea breaks.



Course Outline

The highlights of the following topics shall be discussed:

1. Electricity Act and Regulations
2. Electrical Safety
3. SS638 (Superseded CP5)
4. SS650 Part 1 (Superseded CP88 Part 1)
5. SS650 Part 2 (Superseded CP88 Part 2)
6. Earthing System in Singapore
7. Interpretation and design of Single Line Diagram
8. Cable Colour Code
9. Testing of Electrical Installation
10. SP PowerGrid Handbook
11. EMA Handbook for Application of Electrical Installation Licence
12. Q & A sharing session

(sample EMA interview questions and answers to be discussed)

Intended Audience

- Industrial practitioners who aspire to be an LEW
- Maintenance/facility engineers and technicians
- Project engineers and technical officers
- Electrical contractors

Instructor

- **Er. Lee Wee Hing Nicholas**

Lee Wee Hing is the Director at RES Engineering Pte Ltd, with extensive consulting experience on challenging projects for major Singaporean companies. His expertise includes software simulation, engineering design, QP services, and maintenance. He holds a 2nd Upper Class honors degree in Electrical Engineering from NTU and is a registered Professional Electrical Engineer and a Licensed Electrical Worker (Grade 9) for work up to 66kV, authorized by the Energy Market Authority of Singapore. Wee Hing is also a former Co-Chairman of the IEEE PES Singapore Chapter.

FOR REGISTRATION, CONTACT
CE-TEST & MEASUREMENT (S) PTE LTD



Diana Lee - diana.lee@cetm.com.sg

Dannis Wong - dannis.wong@cetm.com.sg

Rachel Foo - rachel.foo@cetm.com.sg



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