

PREPARE FOR LEW COMPETENCY WITH CONFIDENCE

Build a strong foundation in Singapore's electrical regulations and installation design principles with our **2-Day LEW Preparatory Course**. Designed by industry practitioners, this course equips participants with the essential knowledge needed to better understand regulatory compliance, electrical safety, and the responsibilities of a Licensed Electrical Worker.



Course Outline

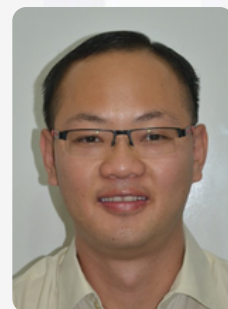
The highlights of the following topics shall be discussed:

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 SS638 (Superseded CP5)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 SS650 Part 1 (Superseded CP88 Part 1)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 SS650 Part 2 (Superseded CP88 Part 2)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)

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.

Key Takeaways

- ✓ Better understand Singapore's regulatory framework for electrical installations
- ✓ Apply key electrical design principles with greater confidence
- ✓ Improve compliance and safety in electrical installation projects
- ✓ Understand the roles and responsibilities of a Licensed Electrical Worker (LEW)
- ✓ Prepare more effectively for LEW competency and licensing requirements

Who should Attend?

- Engineers aspiring to become LEWs
- Maintenance & Facility Engineers
- Electrical Engineers and Technicians
- Project Engineers & Technical Officers
- Electrical Contractors
- Supervisors involved in electrical installations
- Company Management
- Safety Professionals responsible for electrical installations

COURSE DETAILS

DATE: 30 OCT & 2 NOV 2026

TIME: 9:00AM TO 5:00PM Registration starts at 8.45am

FEES: S\$750*/PAX *Subject to 9% GST

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



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