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Dear Sir/ Madam

## Upcoming Events

We are pleased to share with you these seminars taking place at HDB Centre of Building Research in Jan 2020.



\*SSG Approved Course  
Eligible for SSG & SkillFuture credit (T&C apply)  
CRS-N-0047560

### Design, Inspection & Testing of Electrical Installations in Compliance with SS638

Date: **9 Jan – 10 Jan 2020**

CPD POINTS: **12 PDU**s

Venue: HDB Centre of Building Research,  
10 Woodlands Ave 8, Singapore 738973

This course will provide an overview of SS638 and discuss how it may impact the work and services of developers, consultants, site staff, contractors and LEWs under the Electricity (Amendment) Act 2018 which comes into operation on 3 May 2019. The SS650 Part 1 and Part 2 will be covered in another course together with the Transmission Code.

#### Programme Outline

- Electrical Installation and Regulatory frameworks
- Design Concept of Electrical Installations
- Over Current and Fault Protection, selection of protective conductors
- Installation design procedure, inspection and testing, and worked examples

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### LEW Preparation Course (Licensed Electrical Worker)

Date: **10 Jan 2020**

CPD POINTS: **pending**

Venue: HDB Centre of Building Research,  
10 Woodlands Ave 8, Singapore 738973

This one-day course aims to inculcate attendees with a vast knowledge of the act which governs the Electrical industry, namely the Singapore Electricity Act chapter 89A, along with the various code of practice such as CP5 and CP88.

#### Learning Outcomes

Attendees will acquire knowledge on the following areas:

- **Module 1:** Overview of Electricity Act and Relevant Regulations
- **Module 2:** Guidelines on Application Procedures for Premises Supply Connection

- **Module 3:** Types of Earthing Systems
- **Module 4:** Key Points for Codes of Practices: SS638, CP88 Part 1 & 2
- **Module 5:** Small Installation Inspection and Testing
- **Module 6:** Testing of Main Switchboard
- **Module 7:** Question & Answer for Course Review

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## Understanding the Construction, Protection, Operation & Maintenance of Transformers

Date: **16 - 17 Jan 2020**

CPD POINTS: *pending*

Venue: HDB Centre of Building Research,  
10 Woodlands Ave 8, Singapore 738973

This short course is structured to introduce participants to the basic principles on the construction, protection, operation and maintenance of transformers. The course is conducted through lectures and case studies to enable the participants to have a clear understanding of the principles and the associated utilisation issues. The course will also touch on legal and liability matters arising from transformer installation, operation and maintenance.

### Programme Outline

- Transformer Basic (1/2 day)
- Transformer Testing and Protection (1/2 day)
- Transformer Operation and Maintenance (1/2 day)
- The laws and case study (1/2 day)

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### For more information:-

Please contact Michelle @ 91388967 or email [michelle@laressolutions.com](mailto:michelle@laressolutions.com)