



# BASIC ELECTRICITY FOR NON-ELECTRICAL PERSONNEL

## **OBJECTIVES**

- Explain the basic electricity terms
- Appreciate basic functioning of electrical devices and read electrical diagrams
- Carry out simple electrical maintenance activities in the plant components

## **COURSE CONTENT**

### **Electrical Fundamentals**

- Production & Distribution of Electricity
- DC and AC
- Voltage, Current and Resistance; Ohm's Law
- Basic Electrical Circuits: Series/Parallel

### **Plant Activities**

- Name plate details of plant equipment
- Basic operating principles
- Breakdown and basic repairs
- Short circuit and overload problems

## **ADMINISTRATIVE DETAILS**

Date : February 25 - 26, 2026

Time : 9.00am – 5.00pm

Venue : FMM Selangor & Kuala Lumpur Branch  
No 8A, Jalan Pensyarah U1/28, Hicom  
Glenmarie Industrial Park, 40150 Shah Alam,  
Selangor.

Fees : FMM Members – RM 1,350.00 per participant  
Non-Members – RM 1,566.00 per participant  
(inclusive of 8% service tax)  
(Fees include course materials, Meals and  
Certificate of Attendance)

Get **10% DISCOUNT** if you send  
3 or more participants for the  
same programme!

## **TRAINER PROFILE**

**Dr Aloysius De Cruz** is currently a Trainer cum Lecturer at Malaysia France Institute (MFI) in the Department of Air Conditioning and Industrial Refrigeration. He has intensive industry exposure while conducting programmes for industries. He holds a Master in Energy Engineering from University Putra Malaysia and Degree in Mechanical Engineering from University of Kerala, Trivandrum, India. His main areas of teaching include Air Conditioning and Refrigeration Technology, Design and Installation of air conditioning system, review and supervised installation of air conditioning systems. He is also a Member ASHRAE (American Society of Heating Refrigerating and Air Conditioning Engineers) and Corresponding member for the corporate membership of University Kuala Lumpur in IIR (International Institute of Refrigeration, Paris). He is a panel trainer for the Certificate in Energy Management for FMM Institute since 2008.

## **WHO SHOULD ATTEND**

Facility /Maintenance Technical personnel who are not trained in the Electrical Discipline.

**For further inquiries please contact:**

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## REGISTRATION FORM

# **BASIC ELECTRICITY FOR NON-ELECTRICAL PERSONNEL**

**February 25-26, 2026 (Wednesday - Thursday)** **FMM SELANGOR & KUALA LUMPUR BRANCH**

FMM Institute Selangor (SST No: W10-1901-32000105 | **COID: (475427W\_SELANGOR)**)  
Email: [siti\\_nazihah@fmm.org.my](mailto:siti_nazihah@fmm.org.my) [azrini@fmm.org.my](mailto:azrini@fmm.org.my)  
Tel: 03-5569 2950/4471/4171

Please register the following participant(s) for the above programme:

### 1. Name

### Designation

Email

### Nationality

IC/Passport No.:

2. Name

### Designation

### Nationality

IC / Passport No.

(If space is insufficient, please attach a separate list)

## Disclaimer

Registration is on a first-come first-served basis. All cancellations must be made in writing. There will be no charge for cancellation received 14 or more working days before the start of the programme. Cancellation received 7 – 14 working days before the start of the programme is subject to a cancellation fee of 50% of the programme fees. Cancellation received 6 working days and below before the start of the programme is subject to a cancellation fee of 100% of the programme fees. If the participant fails to attend the programme or less than 75% attendance, the full programme fees are payable. However, replacement can be accepted at no additional cost. The FMM Institute reserves the right to change the speaker, reschedule or cancel the programme and all efforts will be taken to inform participants of the changes.

We hereby confirm that (Please tick accordingly):

- We will be claiming from HRD Corp and full payment would be made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances.
- We will NOT BE CLAIMING from HRD Corp. Payment will be made to account payee FMM Institute by cheque or bank transfer to Maybank Account No 5-62106-64719-2

Submitted by:

Name: \_\_\_\_\_

**Designation:**

Email:

## Company:

FMM Membership No. :

## My Corporate Identity No.:

Company Address:

Tel No.:

Fax No.:

Date: \_\_\_\_\_