

Building Wiring Installer Course

Introduction

The Building Wiring Installer training programme is designed for the construction personnel involved in the low voltage installation of electrical wiring and related electrical equipment. It is also a skill standard developed by the Construction Industry Development Board (CIDB) with participation of industrial experts from the public and private sectors.

Course Duration

Training lessons are conducted from Monday to Friday, 10.00 am to 5.00 pm, over a period of 3 months.

Language

Bahasa Malaysia.

Course Fee

Course fee per participant is:

Option 1 : FREE (Sponsored by CIDB which is subject to approval)

Option 2 :
RM 1,000 1st month (Course starts)
RM 1,000 2nd month
RM 1,000 3rd month

Option 3 :
RM 2,600 Lump sum

Note :

- i. All fees quoted are correct at the time of printing and are subjected to revision without notice. Payment by cheques should be crossed and made payable to TEEAM.
- ii. No refunds will be allowed. However, substitution or deferment is permissible.
- iii. All training materials are provided except hand tools and multi-tester.

Course Content

This course covers:

1. Fundamentals of electricity

Series and parallel circuits. Measurement units. Supply sources. Single phase and Three phase.

2. Wiring cables

Types, size, color code, rating and applications. Conductor and insulator. Current carrying capacity and voltage drop. Types and methods of electrical wiring joint.



Trainees engrossed in circuit control wiring.

3. Protective devices

Fuse, miniature circuit breaker and earth leakage circuit breaker. Overload relay.

4. Read and interpret drawings

Electrical layout diagram. Schematic diagram. Wiring circuit diagram. Electrical symbols.

5. Electrical wiring

Concealed and surface wiring. Conduit and trunking. Surface and flush mounting. Lighting and power final circuits. Consumer terminal unit. kWh meters and earthing system.

6. Installing electrical equipment and appliances

Water heater, door bell, discharge lamp, exhaust fan, distribution board, etc.

7. Use measuring and testing instrument

Voltmeter, ammeter, clamp tester, multi-tester, insulation tester, earth resistance tester, etc. Principle of operations and applications.

8. Practical safety measures

Apply first aid treatment. Hazardous environment. Safe usage of tools and equipment. Report accidents on-site. Acts and regulations.

Who Should Attend

This course is for schools leavers, do-it-yourself personnel, electrical worker at construction site, apprentice wiremen and other technical/non-technical staff.

Certificate

Course participants who have achieved the skill competency requirement will be awarded with a certificate. In addition, a CIDB Green Card will also be issued.

CIDB Green Card Programme

The CIDB Green Card Programme is the amalgamation of the construction personnel registration and a one day Safety and Health Induction Course for construction workers. This programme entails contractors to keep a safety and health management system in their workplace and ensuring that their personnel wear proper personal protective gear. Without the card, construction personnel will be barred from entering any work site.

Registration

Registration can only be accepted if accompanied by a non-refundable registration fee of RM 50.00. Places are limited and registration is on first come, first served basis.

Complete the course application form and mail it together with your payment to:

The Electrical and Electronics Association of Malaysia (TEEAM)

No. 5-B, Jalan Gelugor,

Off Jalan Kenanga,

55200 Kuala Lumpur.

Tel: 603 - 9221 4417, 9221 2091

Fax: 603 - 9221 8212

E-mail: teeam@po.jaring.my

Http: <http://www.teeam.com>

TEEAM reserves the right to cancel, postpone or reschedule the training programme at its discretion. Every effort, however will be made to inform the participants of the change.