



APPROACH TO ELECTRICAL WIRING FOR NON-ENGINEER

COMFORI SDN BHD

Objectives:

- Recognize the electrical wiring system.
- Design basic electrical wiring system for electrical equipment in building.
- Select effective protective equipment and suitable cables for electrical machinery and equipment.
- Systematic inspection, testing and reporting of completed building wiring system.

Overview:

The course is aimed to cover the electrical wiring system and is based on the Electricity Supply Act 1990, The Electricity Regulation 1994, MS IEC 60364:2003 Standard: Electrical Installation of Buildings, MS 1936:2006 Standard: Electrical Installations of Buildings - Guide to MS IEC 60364, MS 1979:2007 Standard: Electrical Installation of Buildings-Code of Practice. It is intended to ensure that participants are conversant with the basic guidelines for electrical wiring system and to provide participants with sufficient level of competence so that they will be able to work safely, efficiently and legally on electrical installations. Under the Electricity Supply Act 1990 and Electricity Regulations 1994, any electrical wiring in domestic dwellings are to be carried out by a competent person. A competent person is someone who is approved by Energy Commission (Suruhanjaya Tenaga); the Malaysian governing bodies, will be qualified with the ability to thoroughly check a wiring system for safety.

Modules:

Module 1: Introduction

Module 2: Supply System

Module 3: Electrical Wiring

**Module 4: Control and Protection
for Electrical Wiring**

Module 5: Cable Selection

Module 6: Electrical Accessories

**Module 7: Earthing of Electrical
Installations**

**Module 8: Inspection and Testing
of Electrical Wiring**