

Introduction



This course aims to impart an understanding of the capabilities of power system protection relays and how they fit into the overall distribution network. Candidates will be exposed with relevant underpinning knowledge and skills to perform specific tasks of electric design, installation, maintenance, inspection and associated equipment safety. Participants will gain knowledge in a multifunctional power system with understanding in protection, control and monitoring.

Learning Outcome

At the end of the course participants should be able to:

- Understand various concepts of Protection Relays.
- Application of Protection Relays.

Program Designed For

- Electrical Technician & Supervisors with at least 5 Years experience
- Senior Authorized Electrical Personnel

Duration

3 days

Your Instructor

Lee Chong Kiow

Minimum Pax

6 Pax

Course Contents



Day 1	Day 2	Day 3
Introduction to Protection	What to do after a relay operates?	How to Protect Feeders
The Most Basic Form of Protection	Current and Voltage Transformers	The Need for Motor Protection
How To Ensure Only The Right Relay Operates (Or That The Wrong Relays Do Not Operate)	Why Are There Different Types of System Earthing	The Protection of Generators
Concept of Differential Protection	Looking At Transformer Protection	Testing To Make Sure That Every Thing Will Work