

# HIGH VOLTAGE ELECTRICAL MAINTENANCE MASTERCLASS

Enhance your understanding in Maintenance Requirements of an Electrical Network System and learn the Interaction between Supply Authorities and HV Customers

7th & 8th August 2019  
The Ritz-Carlton, Kuala Lumpur, Malaysia

## Major Benefits Of Attending

By end of this course, delegates will be able to:

- **EXAMINE** the Training Requirements of an Electrical Industry Workforce and what should be considered
- **IDENTIFY** the Maintenance Requirements of an Electrical Network System
- **LEARN** the advantages and disadvantages of Live Line Maintenance compared with Shutting off the Power Supply
- **EXPLORE** the case studies related to High Voltage (HV) Electrical Incidents
- **DESCRIBE** the Live Line Capabilities in terms of Glove & Barrier, Hot Stick, Bare Hand and Helicopter Maintenance

## Why you Should Attend?

The primary reason that power is transmitted at high voltages is to increase efficiency. As electricity is transmitted over long distances, there are inherent energy losses along the way. High voltage transmission minimizes the amount of power lost as electricity flows from one location to the next. The higher the voltage, the lower the current. The lower the current, the lower the resistance in the conductors. And when resistance is low, energy losses are low also. Electrical engineers consider factors such as the power being transmitted and the distance required for transmission when determining the optimal transmission voltage.

In this workshop, participants will have the opportunity to understand the additional requirement of an Electrical Industry Workforce and learn the case studies of High Voltage Electrical Incidents.

## Who Should Attend?

This seminar is specifically designed for

- ✓ Electrical Engineers
- ✓ Electrical Maintenance Personnel
- ✓ Plant Electricians
- ✓ Electrical Contractors
- ✓ Power Specialists
- ✓ Maintenance Managers
- ✓ Consultants and Technologists responsible for the design, construction, installation, inspection, operation, or maintenance of electrical systems
- ✓ Inspectors
- ✓ Safety Personnel
- ✓ Electrical Technicians
- ✓ other employees responsible for the operation and maintenance of electrical systems in a commercial, industrial, institutional or utility setting

Organized by: \_\_\_\_\_

