



# THE INSTITUTION OF ENGINEERS, MALAYSIA

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## TALK ON "ENERGY DELIVERY SYSTEM – UNDERSTANDING POWER CABLES AND CONNECTIONS (PART 2)"

Organised by: the Electrical Engineering Technical Division, IEM

BEM approved CPD Hours: 2 Ref No: IEM16/HQ/266/T

Date : 13<sup>th</sup> August 2016  
Time : 11.00am to 1.00pm  
Venue : C&S & Tus Lecture Hall, 2nd Floor Floor, Wisma IEM  
Speaker : Mr. Ng Choon Guan

### SYNOPSIS

Electrical connections come in two forms – end terminations and joints between two conductors. A good electrical connection is one that is able to conduct current safely at a low temperature, resulting in energy savings and should last for many years (30 years or even longer). But how can you ensure and achieve a good electrical connection every time?

This section will cover the important factors in executing a good electrical connection, with actual cases of right and wrong applications will be presented. Relevant Malaysian Standards will also be discussed. Lastly the talk will also cover cases involving less than common connection setups, by evaluating the different types of critical connections and recommended procedures.

### Speaker's Biodata

**Mr. Ng** obtained his tertiary education in Electrical Engineering from Tai Chung Senior V.I. School (Electrical Engineering), Taiwan in 1969. He started his career in the engineering field working on electrical maintenance and subsequently on mechanical and electrical projects. In 1979 he started Conway Terminals Manufacturer Sdn Bhd, a company producing cable connectors and related electrical tools. Conway has been growing steadily over the years and today the company offers a wide range of quality electrical conductor jointing and termination products and tools. Conway's cable lugs and bi-metal lugs are type-test to MS 1540:2002 and IEC 61238-1 respectively.

Mr. Ng has also been instrumental in setting up and operating other related outfits such as Taian Jaya Electric Sdn. Bhd. (Manufacturing of magnetic contactor, overload relay and motor starter) and Conlap Precision Industries Sdn. Bhd. (Manufacturing of tools and dies, stamping of electrical component parts).

**Ir. Yau Chau Fong**  
Chairman  
Electrical Engineering Technical Division, IEM

### ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required).
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- Members of affiliated organisations upon producing their membership cards will be exempted from paying registration fee. Administrative fee is nevertheless applicable.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are reminded to produce membership cards for confirmation of attendance (CPD purpose) failing which a fee of RM25 will be imposed. GST inclusive.

### ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

### PERSONAL DATA PROTECTION ACT

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### CPD HOURS CONFIRMATION

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