



THE INSTITUTION OF ENGINEERS, MALAYSIA

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Talk on “How to Achieve Good Electrical Connections”

(Organized by Consulting Engineers Special Interest Group)
BEM Approved CPD/PDP Hours: 2 Ref No: IEM15/HQ/446/T

Date: **9th December 2015** (Wednesday)
Time: **5.30pm – 7.30pm** (*Refreshment will be served at 5.00pm*)
Venue: **C&S and TUS Lecture Room, Second 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?

Generally there are three important factors in executing a good electrical connection:

1. Type of Connectors
2. Crimping Tools and Dies used
3. Workmanship

All the three factors will be discussed in detail and actual cases of right and wrong applications will be presented. The talk will also cover cases involving less than common connection setups, by evaluating the different types of critical connections and recommended procedures.

BIODATA OF SPEAKER

Mr. Ng Choon Guan 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 MS1540:2002 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. Yim Hon Wa
Chairman
Consulting Engineers Special Interest Group

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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