



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON “UTILISATION OF CHAIN IN VARIOUS INDUSTRIES”

Organized by Agricultural and Food Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2 CPD Hours Ref No: IEM14/HQ/351/T

Date : 4 December 2014 (Thursday)
Time : 5.30 pm – 7.30 pm
(Refreshment will be served at 5.00 pm)
Venue : C&S and TUS Rooms, Wisma IEM,
Petaling Jaya, Selangor
Speaker : Ir. Ooi Ho Seng

SYNOPSIS

The talk will give an introduction of chain and its uses in various industries. Chains are utilised either for conveying or for driving (power transmission). Chains are often the most important part of a factory as they convey work-in-progress product from one station to the next. Chain failures can result in factory coming to a standstill or factory slow down. The selection of chain material and treatment processes are all aimed at optimizing chain specifications for differing operating requirements and conditions in a factory. The correct alignment and installation of chains and sprockets is necessary to make chains run more efficiently. Chain maintenance is carried out to ensure maximum durability and a longer operating life cycle in order to reap benefits of reduced operating costs.

BIODATA OF SPEAKER

Ir. Ooi Ho Seng graduated from the University of Malaya with a Bachelor of Engineering degree (Mechanical) in 1972 and a Master in Engineering Science degree in 1975. He worked as Research Officer in MARDI (Malaysian Agricultural Research and Development Institute) from 1974 to 2005 and during the period Ir Ooi designed and developed various machinery for agricultural mechanization and crop processing He was a part time lecturer at UPM in 2003 and at Monash Sunway University in 2006-2007, and the topics he taught are related to Machine Design and Engineering Management. Ir Ooi serves the Agricultural & Food Engineering Technical Division (AFETD) in various capacities from 2000 to present and IEM Membership Drive and Promotion Sub-Committee from 2011 to present. From 2007 to present, he is a Director of SGT Konsult Sdn Bhd and of O3 Solutions Sdn Bhd and is involved in palm oil mill design, construction, and operation, including the sustainable management of the palm oil mill wastes.

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**). (**telephone and/or fax reservation will NOT be entertained**)
- **Non members** may also attend the talk but will be charged a registration fee of **RM50** and an administrative fee of **RM10**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce your membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD. **IEM members who fail to produce their membership cards will be charged a fee of RM20.00.**

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM10** as administrative fee for talks organized by IEM.
- The fee would be used to cover overhead costs, building maintenance expenses as well as to support the purchase of the new building.
- All contributions will be deeply appreciated by IEM
- Students are however exempted.
Your understanding is greatly appreciated.

CPD/PDP HOURS CONFIRMATION

Name:

Membership No:

Signature:

Ir. Assoc. Prof. Dr. Chin Nyuk Ling
Chairman Agricultural & Food Technical Division, IEM