



THE INSTITUTION OF ENGINEERS, MALAYSIA

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TALK ON "OIL PALM INDUSTRY: THE CONCERN OF SUSTAINABILITY & PROGRESSIVE , HOW FAR IS OUR APPROACH IN PALM OIL MILL DESIGN AND SET UP RELEVANT TO THIS ASPECT? LET US FOCUS IT CLOSER FROM THE VIEW OF MASS BALANCE"

Organized by Agricultural and Food Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 2

Ref No: IEM15/HQ/439/T

Date: 05 December 2015 (Saturday)

Time: 9.00 a.m. – 11.00 a.m. (Refreshment will served at 8.30 a.m.)

Venue: C&S & TUS Lecture Room, 2nd Floor, Wisma IEM, Petaling Jaya, Selangor.

Speaker: Ir. Hor Kok Luen

SYNOPSIS

Malaysians have two types of oils in the country, mainly oil from the ground and of course oil from the tree. Oil palm Industry has been contributing and generating a lot of revenue to the country besides providing unlimited fruitful employment to the nations.

Currently Palm Oil Mills have grown into a very competitive business environment in Malaysia. Undeniably an efficient and effective milling, management, compliance, optimization & transformation will be the ways to ensure sustainability of the business.

Palm oil mill design- how far is our approach and exploration in this industry relevant and in-line with the current track of progressing? With the factors of concern on sustainability and recent issues for instance on climate change, more stringent regulation and compliance from the authorities (MPOB, JKPP, DOE, Immigration, Bomba, local authority, town council, etc) cum more comprehensive of the corporate responsibility, **where does this industry stand?**

Undeniably new scope of palm oil mill design and set up must be more relevant, linkable and attachable to the current status in terms of sustainability. These are inclusive of the points on getting more environmental friendly, more cost effective, less labour intensive, and more operation friendly, safer and more conducive in working environment, last but not least of course it must be commercially viable and sustainable. Let us focus it closer from the view of MASS BALANCE.

BIODATA OF SPEAKER



Ir. Hor Kok Luen (P.Eng, MIEM, First Grade Competent Steam Engineer) graduated from University of Science Malaysia (USM) in 2001. He is holding Bachelor of Degree (Hons.) in Mechanical Engineering. He has more than 15 years of working experience in the palm oil mill & related industries. He has vast experience in palm oil mill design, mill upgrading and mill troubleshooting as well as waste handling & management.

As holding the qualification as **Competent First Grade Steam Engineer (JKPP, Malaysia)**, currently he is taking the responsibility and challenge as the Chief Engineer for a well-established palm oil group of company which owns five (5) palm oil mills and subsidiary plants, which aggressively embark involving in palm oil mill processing, long fiber plant, short fiber plant, solvent extraction plant, biomass power plant, biogas capturing plant and of course green energy generation for grid connection (Feed in tariff).

The speaker is a **corporate member of The Institutions of Engineers Malaysia (IEM)** in Mechanical Discipline. He is also a **Registered Professional Engineer with the Board of Engineers Malaysia (BEM)**. Currently he is a committee member of Food & Agricultural Engineering Technical Division (AFETD), IEM.

Ir. Yong Hong Liang

Chairman,

Agricultural & Food 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.

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