Agricultural and Food Engineering Technical DivisionThe Institution of Engineers, MalaysiaBangunan Ingenieur, Lot 60/62, Jalan 52/4P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, SelangorTel: 03-7968 4003Fax: 03-7957 7678Email: ezzaty@iem.org.myWebsite: www.myiem.org.my



REGISTRATION FOR LATEST COMPLIANCES	"THE DESIGN AND CONS 5. THE IMPLEMENTATIO	STRUCTION OF PALM (N AND THE PRACTICA	DIL MILL <u>WITH</u> AL APPROACHES"	Agricultural an The Ins	Organised by: d Food Engineering Technical Divisio stitution of Engineers, Malaysia	on,
Name(s) IEM M'ship No. /Grade Fees (RM)			One-Day Course on "The Design and Construction of Palm Oil Mill WITH latest			
				compliances. The	implementation and t	he practical
SUB TOTAL					appi vacines	
ADD GST @ 6%					Speaker	
TOTAL FATADLE	_			_	Ir. Hor Kok Luen	
Company:Address:Addre	Tel(0): "Confirmation Notification" Designa	Fax: ' will be sent via email) tion:	tpo the	Dec 25th Octo 25th Octo Eco Grandeur, Lot 62 Pur	Date ober 2017 (Wednesday 9.00am – 5.30pm Venue 32, Persiaran Mokhtar icak Alam, Selangor	7) Dahari, 42300
Signature:	Date:			Grade	Online Fee	Normal Fee
	PAVMENT DE	ΓΔΗ S		IEM Student Member	RM 150.00	RM 180.00
Cach PM	TAIMENT DE			IEM Graduate Member	RM 250.00	RM 300.00
				Corporate Member	RM 450.00	RM 500.00
Cheque no.	for the am	ount of RM		Non IEM Member	RM 600.00	RM 650.00
Inon-refundable) a and crossed 'A/CI Terms & Conditions: For ONLINE REGISTRATIO Payment via CASH / CHEQU (LO / WALK -IN will be con-	NS, only ONLINE PAYMENT is ap UE / BANK-IN TRANSMISSION /	plicable [via Credit Card] BANK DRAFT / MONEY ORDE	R / POSTAL ORDER	REGISTRATION FEES (SUBJEC Closing Date: 20th October 201 BEM Approved CPD/I	T TO 6% GST) 17 PDP Hours: 7	GST is implemented
 For online registrations, please note that payment MUST be made on registration. FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches. 				Ref. No: IEM17/H	Q/232/C	effective 1 April 2015

• The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

PERSONAL DATA PROTECTION ACT

I have read and understood the IEM's Personal Data Protection Notice published on IEM's website at http://www.myiem.org.my and I agree to IEM's use and processing of my personal data as set out in the said notice.

TENTATIVE PROGRAMME

TIME	PROGRAME			
08:30am – 09:00am	Registration			
09:00am – 10:30am	 Brief introduction of the industry:key products and by products (waste) Current market expectations on the industry The various governing authorities and their expectation Conventional and existing industry practice(s) versus compliances 			
10:30am – 10:45am	Morning Tea Break			
10:45am – 13:00pm	 MPOB: NKEA & green House gas harnessing concern? Implementation on bio-methane gas capturing -do/undo? Bio-methane gas formation and its details: Any value? Fuel comparison? Case study on the mill that successfully implement it. Challenges? Mill design concern on these aspects 			
13:00pm - 14:00pm	Lunch			
14:00pm – 15:30pm	 DOE concern: way of monitoring Incinerator: still applicable? Terms and conditions apply? The role of solid fuel boiler emission control: limit - 150mg/Nm3 Current/conventional set up of solid fuel steam boiler Exploration-Technologies that available Market feedback & challenges/constrains on the technologies Mill design concern on these aspects-case study 			
15:30pm – 15:45pm	Afternoon Tea Break			
15:45pm – 17:15pm	 DOSH concern and expectation Unfired Pressure vessel and steam boiler and competent person Confined space, HIRARC, safety policy and SOP Mill design concern on these aspects-case study 			
17:15 pm – 17:30 pm	Q & A session			

SYNOPSIS

The palm oil mill design, construction and operation- how matured so far of the conventional and current industrial practices? Is it relevant with the current status? The concern of sustainability and recent issues on climate change, latest regulation and compliance from the governing authorities, where does this industry stand?

Lately, like other industrial means, the governing authorities emphasize on self-regulatory and monitoring effort on compliances from the palm oil industrial players. This is a truth and fact that all the industry players are in the loop. Palm oil based manufacturing industry: what should be the matured engineering approach on design and construction to meet the governing authorities' expectation?

What sort of conventional oil mill design and its layout cum orientation that is no longer adoptable and applicable? What are the newer but matured approaches of design and construction that the players should look into and focus more, with the condition of fair initial investment with acceptable payback besides fulfil the requirement of compliances. Ultimately, the concerns of sustainability and competitiveness, technically and commercially in the global market are crucial and taken into consideration.

CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

BIODATA OF SPEAKER



Ir. Hor Kok Luen (P.Eng, MIEM, First Grade Competent Steam Engineer, ASEAN ENGINEER) graduated from University of Science Malaysia (USM) in 2001. He is holding Bachelor of Degree (Hons.) in Mechanical Engineering.

He has more than 17 years of working experience in the palm oil mill & related downstream industries, inclusive of biogas power plant. 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 (JKKP, 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 , CHP plant and of course green energy generation for grid connection (Feed in tariff) besides islanded unit for in-house consumption.

The speaker is a corporate member of The Institutions of Engineers Malaysia (IEM) in Mechanical Discipline. He is also a Registered Professional Engineer with Practicing Certificate (PEPC) with the Board of Engineers Malaysia (BEM) as well as ASEAN Engineer (AE). Currently he is a Hon Secretary of Food & Agricultural Engineering Technical Division (AFETD), IEM HQ.