

Chairman,  
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 The Institution of Engineers Malaysia,  
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**REGISTRATION FORM**

**Two-Day Course on Asset Management Assets and Assessments**  
**17 & 18 November 2015 at Wisma IEM, Petaling Jaya**  
**Closing Date: 14 NOVEMBER 2015**

No	Name(s)	M'ship No.	Grade	Fee (RM)*
SUB TOTAL				
ADD GST @ 6%				
Total Payable				

\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be reserved upon payment.

Enclosed herewith a crossed cheque No: \_\_\_\_\_ of RM \_\_\_\_\_ issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the Organising Committee but substitution of participant will be allowed. If I/We fail to attend the course I/We still pay the registration fee in full.

Contact Person: \_\_\_\_\_ Signature: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ (O) \_\_\_\_\_ (Fax)

\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

Signature & Stamp

Date

Photocopies are acceptable



The Institution of Engineers, Malaysia

**TWO-DAY COURSE ON**  
**"ASSET MANAGEMENT STANDARDS AND ASSESSMENTS"**

Date : 17 - 18 November 2015 (Tuesday & Wednesday)  
 Venue : TUS and C&S Lecture Rooms, 2<sup>nd</sup> Floor,  
 Wisma IEM, Petaling Jaya, Selangor  
 Time : 9.00 a.m. - 5.30 p.m.

Organised By:

Oil, Gas and Mining Technical Division

BEM Approved CPD/PDP: 13 Hours

Ref No: IEM15/HQ/320/C

**REGISTRATION FEES (GST NOT INCLUDED)**

	ONLINE	NORMAL (OFFLINE)
IEM Student Member	RM 500.00	RM 500.00
IEM Graduate Member	RM 750.00	RM 800.00
IEM Corporate Member	RM 750.00	RM 800.00
Non IEM Member	RM 950.00	RM 1000.00

**IMPORTANT NOTICE**

• Closing Date : **14 NOVEMBER 2015 (SATURDAY)**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master].
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL 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.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing 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.
- 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.

**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.

## Objectives

The main aims of this course are to:

- Introduce participants to the concepts, practices and application of asset management and their implications for the optimized management of physical assets;
- Provide an overview of PAS 55 /ISO55000 requirements for physical asset management and how these apply to the organisation;
- Review options and good industry practice for asset management planning and for implementation of optimized plans over asset life cycles;
- Show how these can be integrated with a business management system to align with other requirements including management system standards, relevant specifications and regulatory requirements;
- Learn how to do good asset auditing and assessment programme.

By the end of this course, participants will have an understanding of:

- the importance and structure of asset management systems;
- the principles and main requirements of PAS 55/ ISO55000 for the optimal management of physical assets;
- concepts tools and techniques of asset management and how these are applied to physical assets and asset systems, their performance, risks and expenditures over their life cycles;
- how asset management policy, strategy(ies), objectives and plans can be optimized and applied across asset life cycle;
- options for implementation of asset management plans including the use of direct labour and outsourced service providers;
- the opportunities and benefits for implementing operational asset management effectively and for integrating asset management with other management controls;
- Learning how to prepare audit plan and audit program for effective asset management.

Target Audience: Asset Management Leaders, Specialist and Team members

## Biodata of Speaker

### Ir Al-Khairi Mohd Daud

**P.Eng, C Eng, MIEM, REEM, AMIAM, MMSQH, MBEAM, B.Eng (Hons) – Mechanical Engineering, University of Leeds, MBA**

Ir. Al-Khairi has 21 years of experience in research, cement, oil and gas, petrochemical, oil, chemical and process and health care facilities. He has gained various experiences in design, construction, testing and commissioning, operate and maintain facilities and plants from various multinational companies both abroad and locally. He has served in various roles as engineers and manager to the plant and facilities.

With such a diverse industrial background, Ir. Al-Khairi has founded Faqeh Management, an asset and reliability company to improve the equipment reliability and maintenance standard in the industry. The main function of the company is to provide training and consultancy work in the industry. Among the industry that he has provided services are hospital and health care, airports, facilities management organization, printing and palm oil mills.

Currently Ir. Al-Khairi is the Advisor of the Oil, Gas and Mining Technical Division and a member of Building Services for the Institution of Engineers Malaysia (IEM). He is a principle interviewer to qualifying engineers for professional interviews as well as a committee member for engineer's log book to ensure mechanical engineers registered with IEM has the correct training to qualify as professional engineers. Ir. Al-Khairi has written articles and delivered numerous talks on maintenance and reliability to IEM fraternity in Maintenance, Healthcare and Green Technology Seminar. Ir. Al-Khairi is also an associate member of Institute of Asset Management UK, Biomedical Engineering Society of Malaysia and Malaysian Society for Quality in Health (MSQH). He is a surveyor for MSQH checking on the facilities design and maintenance as well as safety and environment aspects of hospitals in Malaysia.

Ir. Al-Khairi is a Registered Electrical Energy Manager and has been appointed as the country expert and certified trainer to promote Energy Management Gold Standard under the Asean Energy Management Accreditation Scheme (AEMAS) for the country supporting Greentech Malaysia. To support the energy management practice, Ir Al-Khairi is a member of Malaysian Energy Professional Association (MEPA). He is a part of committee member to develop IEM position paper for alternative energy with all the country experts in the energy production field. Ir Al-Khairi is keen to impart his knowledge to the regions. He is also passionate on energy efficiency and management practice.

On softer notes Ir. Al-Khairi is passionate in alternative medicines practices. He is a Reiki Master, Feng Shui trained, Quantum Touch, Silva Mind Method and EFT practitioner. He also practices Qigong and Aikido to ensure a balance wealth and health.

## Course Schedule & Outline

Day 1 – 17 November 2015		Day 2 – 18 November 2015	
08:30 – 09:00	Course Registration		
09:00 – 10:30	Asset Management Overview <ul style="list-style-type: none"><li>▪ The main stages in the asset management lifecycle</li></ul>	09:00 – 10:30	Asset Management Strategy and Plans <ul style="list-style-type: none"><li>▪ Main categories and types of risks involved</li></ul>
10:30 – 11:00	Tea Break	10:30 – 11:00	Tea Break
11:00 – 13:00	The Asset Management System Components <ul style="list-style-type: none"><li>▪ PAS 55 and ISO 55000</li></ul>	11:00 – 13:00	Asset Management Planning and Performance <ul style="list-style-type: none"><li>▪ The legal, regulatory, ethical and social requirements likely to affect</li></ul>
13:00 – 14:00	Lunch Break	13:00 – 14:00	Lunch Break
14:00 – 15:30	Requirements of PAS 55 Part 1 <ul style="list-style-type: none"><li>▪ How organization can benefit from PAS 55 implementation</li></ul>	14:00 – 15:30	Asset Management Standards, Processes and Systems for Risk and Performance Improvement
15:30 – 16:00	Tea Break	15:30 – 16:00	Risk Management and Performance Improvement
16:00 – 17:30	Examples of How Asset Management Performance can be assessed and what information is required to do this	16:00 – 17:30	Requirements and Specification for an Asset Information System

### 17 NOVEMBER 2015 (TUESDAY) – 9.00 am – 5.30 pm

#### Overview of Asset Management Standard

1. Asset Management overview
  - The main stages in the asset management lifecycle
2. The asset management system components
  - PAS55 and ISO55000
3. The main requirements of PAS 55 Part 1
  - How organisation can benefit from PAS55 implementation
4. Examples of how asset management performance can be assessed and what information is required to do this

### 18 NOVEMBER 2015 (WEDNESDAY) – 9.00 am – 5.30 pm

#### Asset Management Standard Implementation

1. Asset management strategy and plans
  - Main categories and types of risks involved
2. Asset management planning and performance
  - The legal, regulatory, ethical and social requirements likely to affect
3. Asset management standards, processes and systems for risk and performance improvement.
4. Risk Management and Performance Improvement
  - What an asset management organisation needs to know in order to manage risk and improve performance.
5. Requirements and specification for an asset information system