

Chairman,
Oil, Gas and Mining Technical Division,
The Institution of Engineers Malaysia,
Lots 60 & 62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),
46720 Petaling Jaya, Selangor Darul Ehsan
Fax: 03-7957 7678 Email: seri@iem.org.my

REGISTRATION FORM

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

Telephone No.: _____ (O) _____ (Fax)

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

***Fees MUST be fully paid a WEEK BEFORE the commencement of the course. Bookings by fax from outstations MUST be forwarded with payments at least a WEEK BEFORE the day of the course. Seats could only be confirmed upon payment.**

Enclosed herewith a crossed cheque No: _____ for the sum 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 as stated in the **cancellation term**. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

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.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **within 7 days** of the registration date. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.



The Institution of Engineers, Malaysia

**2-DAY COURSE ON MAINTENANCE
MANAGEMENT: AN OVERVIEW**

Organised By:

Oil, Gas and Mining Technical Division

Date : 27 & 28 June 2011 (Monday & Tuesday)

Venue : TUS Lecture Room, 2nd Floor, Wisma IEM

Time : 9.00 am - 5.00 pm

**BEM Approved
PDP/CPD Hours = 12.5
Ref. No: IEM11/HQ/156/C**

Registration Fees:	Online Registration	Normal
IEM Student Members	: RM880.00	RM930.00
IEM Graduate Members	: RM930.00	RM980.00
IEM Corporate Members	: RM950.00	RM1000.00
Non IEM Members	: RM1420.00	RM1500.00

Objectives

- To introduce participants to maintenance function in an organization and how maintenance support the organization objectives
- To get participants to understand the best/world class maintenance practice criteria and benchmarking
- To understand maintenance philosophy and practical application of the various types of philosophy in actual practice
- To develop maintenance strategy for individual maintenance department
- To develop skills in maintenance data and record analysis
- To get full understanding on Asset Life Cycle Issues

Biodata of Speaker

Ir. Al-Khairi Mohd Daud, P.Eng, C.Eng, MIEM, B.Eng(Hons) – Mechanical Engineering, University of Leeds, MBA.

Ir. Al-Khairi has a varied experienced in project, engineering, maintenance and reliability experience from various industries. Ir. Al-Khairi started his career a research assistant with Shell Research Centre in Thornton, United Kingdom in 1991. He came back to Malaysia and worked as a plant engineer with Associated Pam Malaysia Cement (APMC) Sdn Bhd, a cement plant, in Rawang, Selangor. He further developed his professional experience in oil and gas sector with Shell/PETRONAS via Malaysia LNG in Bintulu. He subsequently joined Uniqema Malaysia (an oleo-chemical plant), which is a subsidiary of Unilever and later ICI.

He went back to petrochemical plant when he became the Maintenance Manager with UCB Chemicals in 2002. His experience was enriched when he set up the facilities and equipment department with a world class Research and Development Company together with its factory set up. He then headed a similar role with a leading Medical Centre in Klang Valley prior to setting up his own consultancy company presently.

During his career, Ir. Al-Khairi has implemented various CMMS software's such as SAP. MP2. Mainsavers and CWork. He also had won an award for his outstanding contribution on SHE excellent from ICI. Currently Ir. Al-Khairi is the Chairman of the Oil, Gas and Mining Technical Division of the Institution of Engineers Malaysia. Ir. Al-Khairi has developed an international alliance with other reliability Professionals under Uptime Alliance (see www.consciousasset.com and www.fageh.com). Ir. Al-Khairi's objective is to let the industry benefits from world class maintenance and reliability practices.

Course Program

27 June 2011	Monday
8.30am – 9.30am	Registration
9.30am – 10.30am	Business & Organization Success Via Better Maintenance
10.30am – 10.45am	Break
10.45am – 12.15pm	From Maintenance to Reliability Mindset
12.15pm – 13.00pm	Lunch
13.00pm – 15.15pm	Methodology and Practices
15.15pm – 15.30pm	Break
15.30pm – 16.30pm	Question and Answer
28 June 2011	Tuesday
09.00am – 10.30am	Maintenance Strategies for the Future
10.30am – 10.45am	Break
10.45am – 12.15pm	Analytical Methods in Maintenance
12.15pm – 13.00pm	Lunch
13.00pm – 15.15pm	Asset Life Issues
15.15pm – 15.30pm	Break
15.30pm – 16.30pm	Question and Answer

Course Program

27 JUNE 2011 (MONDAY) – 9.00 am – 5.00 pm

1. Business & Organization Success Via Better Maintenance

- The key role that maintenance plays in achieving business success. Maintenance as a profit creator.
- Justifying maintenance resources. Proving your worth.
- Maintenance impact on Safety and Legal costs
- Maintenance contributing to long-term competitive advantage

2. From Maintenance to Reliability Mindset

- Common features of the best maintenance organization in the world
 - 2.1. People - Leadership, recruitment, training, flexibility. Motivations, teams, TPM, performance, rewards, core skills and outsourcing
 - 2.2. Parts - Store management, stores objectives, alliances, internet spares, parts, optimization, improved parts specifications, automated stores, and stores personnel

3. Methodology and Practices

- Better Corrective, Preventive, Predictive and Proactive Maintenance
- Moving through Preventive / Predictive to Proactive Maintenance

28 JUNE 2011 (TUESDAY) – 9.00 am – 5.00 pm

4. Maintenance Strategies for the Future

- Setting strategies: from policy statement, Audits, benchmarking, gap analysis and Objectives through to maintenance Performance Measures
- Examples of maintenance Objectives and Performance Measures

5. Analytical Methods in Maintenance

- Maintenance Plan Development and Optimization Software
- Examples of how to collect, use and understood maintenance data
- Fine tuning PM activities

6. Asset Life Issues

- Introduction to Plant Design considerations that improve reliability, availability and maintainability
- Introduction to life cycle costing of assets
- Plant replacement strategies, software tools
- Better maintenance specifications of machines