

Engr. Mah Way Sheng (Grad, IEM)
 Chairman
 Young Engineers Section
 c/o The Institution of Engineers, Malaysia
 P O Box 223 (Jalan Sultan), 46720 Petaling Jaya

Fax No. : 03 – 7957 7678

Two Day Course on Introduction to Turbomachinery Equipment for Engineers

21 – 22 May 2013

REGISTRATION FORM

No	Name (s)	M'ship No	Grade	Fees (RM)
			Total Payable	

Enclosed herewith a 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 registration is accepted by the Committee but substitution of participants will be allowed. If I/we fail to attend the course, the fee paid would not be refunded.

Contact Person :

Designation :

Name of Organization :

Address :

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Tel (O) : Tel (R) :

Fax No. : E-mail :

.....
Signature

.....
Date

BEM Approved CPD/PDP Hours: 14
 Ref No: IEM13/HQ/032/C



Two Day Course on Introduction to Turbomachinery Equipment For Engineers (Organized by Young Engineers Section, IEM)

Date : 21 & 22 May 2013 (Tuesday & Wednesday)

Time : 8.30 am - 5.30 pm

Venue : Tan Sri Prof Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM

Speaker : Ir. Harris Bin Abd Rahman Sabri, PMP

Registration Fee:

Grade	Normal Registration	Online Registration
IEM Student Member	RM 300	RM 250
IEM Graduate Member	RM 500	RM 450
IEM Corporate Member	RM 750	RM 700
Non IEM Member	RM 1000	RM 950

Closing Date: 17th May 2013

Online registration and payment must be made before 17th May 2013 or it will be
 reverted to normal rate.

Registration via LO/PO will be considered as normal rate



SYNOPSIS

Turbomachinery is defined as a turbine driven package, which is designed to drive either a mechanical equipment or a generator to generate electric power. The utilization of the equipment has become increasingly important especially in Malaysia Oil and Gas Industry, ranging from upstream application to downstream application, including petrochemicals, utilities and Processing Plants. Apart from that, the power generation is also used in power plant and cogen plant.

This course is designed to give a glimpse about turbomachinery equipment and create awareness about the functionality of the machine. It is suitable for young engineer who intend to gain an overview on the turbomachinery equipment, and most importantly, to be able to chart their career path based surrounding the turbomachinery equipment. Specific attention is given towards gas turbine and centrifugal compressors as the case study for the course.

BENEFITS

- Understand the type and industry application for turbomachinery equipment
- Understand the main components of turbomachinery and its auxiliaries system
- Able to appreciate the characteristic and functionality of turbomachinery equipment
- Able to understand the key consideration taken for turbomachinery selection
- Understand the basic life cycle cost for the turbomachinery equipment
- Oversight on potential career path in turbomachinery/rotating equipment

WHO COULD BENEFIT FROM THE COURSE?

Mechanical Engineers especially those who involved directly with turbomachinery/rotating equipment, Project Engineers, Maintenance Engineers, Planners, Construction Engineers, Procurement/Contract Engineers; all staff who need basic knowledge on turbomachinery equipment.

BIODATA OF SPEAKER



Ir. Harris Bin Abd Rahman Sabri, P.Eng MIEM, PMP, has been passionately involved in Oil and Gas industry for 9 years. He is currently working as a Mechanical Engineer with Petroliaam Nasional Berhad (PETRONAS). His core expertise is in Rotating Equipment, with working experience spans from operation and maintenance, Upstream Oil and Gas Project Development, Procurement, Project Management and Installation of new/retrofit Turbomachinery equipment. During his tenure at PETRONAS, he started his career as a Maintenance Engineer at Gas District Cooling KLIA Sdn Bhd, handling two Turbomachinery Equipment site rated 20MW each. Afterwards he was transferred to Petronas Carigali SdnBhd under Development Division, where he involved a lot in selection and project management of Turbomachinery equipment.

He dealt with major International Original Equipment Manufacturers (OEMs) based worldwide and has attended various turbomachinery courses conducted by OEMs. Apart from that, he also contributed to various technical papers presented for PETRONAS in-house Rotating Forum, SPE Asia Pacific Oil & Gas Conference and Exhibition 2008, and Rolls Royce Asia Pacific Technical Conference 2011.

TENTATIVE PROGRAMME

TIME	DAY 1	Day 2
0800 - 0830	REGISTRATION	
0830 - 1030	Ice Breaking Session & Introduction to Turbomachinery	Overview of Centrifugal Compressor
1030 - 1045	MORNING TEA BREAK	MORNING TEA BREAK
1045 - 1145	Type & Industry Application	Overview of Turbomachinery Design and Selection
1145 - 1300	Major Turbomachinery OEMs	
1300 - 1400	LUNCH BREAK	LUNCH BREAK
1400 - 1530	Overview of Turbomachinery Main Components	Operability & Maintainability
		Life Cycle Cost Consideration
1530 - 1545	AFTERNOON TEA BREAK	AFTERNOON TEA BREAK
1545 - 1700	Turbomachinery Auxiliaries System	Potential Career Path
	Recapitulation	Discussion & Closing

Registration fees cover one set of course notes, refreshments and lunch. **All fees must be fully paid before commencement of the course**; otherwise participant will not be allowed to enter the Lecture Hall. Reservation/Booking by fax or email of intending participants is acceptable with payment being forwarded before the closing date. If a place is reserved and the intended participants failed to attend the course on the date of the event the fee is to be settled in full. Completed registration form accompanied by cheque/PO/MO are to be made payable to *“The Institution of Engineers, Malaysia”* should reach the IEM Secretariat not later than 17th May 2013.

The fee paid is non-refundable. However substitution of participants(s) will be permitted with approval by IEM. In view of the limited places available, intending participants are advised to send their registration as early as possible so as to avoid disappointment. The Organizing Committee reserves the right to alter or change the programme due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes.

If you require further details or clarifications kindly contract the IEM Secretariat at:

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