

REGISTRATION FORM		
Fax: 03 – 7957 7678 Email: sitiaisyah@iem.org.my Website: www.myiem.org.my		
Name(s)	Grade & IEM M'ship No.	Fees (RM)
	SUB TOTAL	
	Add GST @ 6%	
Total Amount Payable		
Cheque no. _____ for the amount of RM _____ (nonrefundable) and made payable to “ THE INSTITUTION OF ENGINEERS, MALAYSIA ”. I/We understand that the fee is not refundable if I/We withdraw after my/our application is accepted by the organizing committee as stated in the cancellation term. If I/We fail to attend the seminar the paid registration fee will not be refunded.		

TERMS & CONDITIONS:

- 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.



ONE-DAY COURSE ON SAFETY INTEGRITY LEVELS (SIL) TRAINING FOR WORKSHOP PARTICIPANTS

Speaker:

Ir. Razmahwata Bin Mohd Razalli

10 September 2015 (Thursday)

9.00 am – 5.00 pm

Auditorium Tan Sri Prof. Chin Fung Kee, Third Floor, Wisma IEM,
Petaling Jaya

Organised By:

Chemical Engineering Technical Division, IEM

BEM Approved CPD/PDP Hours: 6.5

Ref. No.: IEM15/HQ/203/C

Registration Fees		
Grade	Online Registration	Normal (Offline)
IEM Student Member	RM 150	RM 180
IEM Graduate Member	RM 250	RM 300
IEM Corporate Member	RM 400	RM 450
Non IEM Member	RM 550	RM 600

Closing Date: 3 September 2015

No Online Registration will be allowed after the Closing Date.

Important Note: IEM members are required to produce their IEM membership cards for CPD scanning at the start and end of the course.

BIODATA OF SPEAKER



Ir. Razmahwata has 20 years of experience in the oil and gas industry, in both design and operations. He joined ExxonMobil Exploration and Production Malaysia Inc shortly after graduation in 1995. In 1998, he was reassigned to EMEPMI's operations department. His responsibility was to provide technical support to an offshore production facility. His tasks were varied, included troubleshooting day to day challenges, managing retrofit projects, and leading safety cases. He was made the Company's custody metering engineer in 2001, charged with leading the exercise to ensure the Company compliance with industry and company specifications was enhanced. Whilst in Poyry, Ir. Razmahwata has been a Senior Process Engineer for SembCorp's Betara project. He has HAZOP, HAZID and SIL workshop leadership experience on offshore facilities. He has recently worked on a secondment providing detailed design services to a tanker to FPSO conversion project in Singapore. He supported ExxonMobil in developing measurement manuals, and leading an exercise to validate 59,000 line items. He is currently the Lead Engineer of IGL Services Sdn Bhd.

SYNOPSIS

In the Layer of Protection methodology, a Safety Instrumented Function (SIF) designed to eliminate the cause of a risk or minimize the consequence of an event. The expectation of the SIF's reliability to perform upon demand must be defined so that it is designed appropriately. The Safety Integrity Level (SIL) study is a tool used this.

This full day course is designed to educate participants in the SIL process from the perspective of a SIL team member. It is meant to provide both instruction and workshop sessions so that the participants:

- Are familiar with the concept of 'risk'
- Are familiar with the theory and terminology behind Layers of Protection, SIS, SIF, SIL and LOPA
- Are familiar with the different SIL methodologies: risk graph, risk matrix, LOPA.
- Have expectations as to what the SIL workshop will (and won't) provide.
- Understand what deliverables can be expected from a SIL workshop.
- Have the opportunity to participate in SIL exercise in a safe environment.
- Opportunity to share SIL experiences.

At the end of the session, the participants should:

- Understand the responsibilities of all parties in the SIL.
- Have experience in a SIL session.
- Understand the outcomes from a SIL session.

TENTATIVE PROGRAMME

Time	Programme
8.30am – 9.00am	Registration of participants
9.00am – 9.15am	Opening speech by Session Chairman
09.15am – 10.30am	Introduction to Process Hazards Analysis
10.30am – 11.00am	Tea Break
11.00am – 13.00pm	SIL Study – The Methodology SIL Study – The Session
13.00pm – 14.00pm	Lunch
14.00pm – 15.00pm	SIL Study – The Session
15.00pm – 16.30pm	SIL Study – The Role Play
16.30pm – 17.00pm	Summary and feedback
17.00pm	Session End