

Registration Form

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

Name of Organisation:

Mailing Address:

Email : Hand Phone :
Tel (Office) : Fax :
Contact Person : Designation :

I/We wish to enrol the following person(s) for the above-mentioned Course:

Name	M/ship No.	Reg. Fee (RM)
	SUB TOTAL	
	ADD GST @ 6%	
	TOTAL PAYABLE	

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/are accepted by the Organizing Committee but substitution of participant will be allowed. If I/we fail to attend the workshop, I/we will still pay the registration fee in full.

Signature: Date:

Registration Fee (Subject to 6% GST)

GRADE	ONLINE	NORMAL (OFFLINE)
IEM STUDENT MEMBER	350	380
IEM GRADUATE MEMBER	700	700
IEM CORPORATE MEMBER	700	750
NON-IEM MEMBER	900	950

**GST is implemented effective of
1 April 2015.**

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.

Correspondence

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PERSONAL DATA PROTECTION ACT

I have read and understand 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.



One-Day Course on Safety Integrity Levels (SIL) Training for Workshop Participants

Date : 15 November 2016
Time : 8:30 am – 5.30 pm
Venue : Hilton Hotel, Petaling Jaya, Selangor
Speaker : Ir. Razmahwata bin Mohd Razalli

Organised and hosted by

Chemical Engineering Technical Division
The Institution of Engineers, Malaysia

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.

BEM Approved CPD/PDP hours: 6.5
Ref. No.: IEM16/HQ/393/C

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.

Tentative Programme

08:00 – 09:00	Registration & Breakfast	14:00 – 15:00	SIL Study – The Session
09:00 – 10:30	Introduction to Process Hazards Analysis	15:00 – 16:00	SIL Study – The Role Play
10:30 – 11:00	Tea Break	16:00 – 16:30	Tea break
11:00 – 13:00	SIL Study – The Methodology	16:00 – 17:30	Q&A, Summary & Feedback
	SIL Study – The Session		
13:00 – 14:00	Lunch		