

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 Daru Ehsan
Tel: 03-7968 4001/2 Fax to 03-7957 7678
Email: suriani@iem.org.my and sitiaisyah@iem.org.my Website: www.myiem.org.my

REGISTRATION FORM

ONE-DAY COURSE ON SAFETY INTEGRITY LEVELS (SIL) TRAINING FOR WORKSHOP PARTICIPANTS
(Closing Date: 26 June 2019)

No	Name	M'ship No.	Grade	Fee (RM)
SUB TOTAL				
ADD SST 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 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.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address: _____

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

_____ (H) _____ (HP)

Email: _____

Signature & Stamp

Date

photocopies are acceptable

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.



4th JULY 2019
(THURSDAY)

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

Jointly Organised by
Oil, Gas and Mining Technical Division and Chemical Engineering Technical Division

Venue : C & S Lecture Room, 2nd Floor
Wisma IEM, Petaling Jaya, Selangor
Time : 8.30 am - 5.30 pm
Speaker : Ir. Razmahwata Bin Mohd Razalli

BEM Approved CPD/PDP: 6.5 hours Ref. No.: IEM19/HQ/155/C

REGISTRATION FEES		
	ONLINE	NORMAL (Offline)
IEM Student Member	RM 350.00	RM 380.00
IEM Graduate Member	RM 700.00	RM 750.00
IEM Corporate Member	RM 700.00	RM 750.00
Non IEM Member	RM 900.00	RM 950.00
SST shall be at 6% with effect from 1 March 2019		

IMPORTANT NOTES

- **Closing Date: 26 JUNE 2019 (FRIDAY)**
- For **ONLINE REGISTRATION**, payment **MUST BE MADE VIA ONLINE PAYMENT [via RHB Now and Maybank2u - Personal Saving & Personal Current; Any Credit Card - Visa/Master]**. If payment is not received within the stipulated time, the registration fee will automatically be reverted to the normal fee.
- Payment via **CASH/CHEQUE/BANK-IN TRANSMISSION/BANK DRAFT/MONEY ORDER/ POSTAL ORDER/LOU/LOG/WALK -IN** will be considered as **NORMAL REGISTRATION**
- **FULL PAYMENT must be settled before commencement of the event**, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails 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. IEM reserve the right to reject any LOU/LOG not in accordance with these instructions.
- The Organising Committee reserves the right to alter or change the programme due to unforeseen circumstances.

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.

BIODATA



Ir. Razmahwata Bin Mohd Razalli 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

TIME/DAY	DAY 1
08.00 – 09.00	Registration & Breakfast
09.00 – 10.30	Introduction to Process Hazard Analysis
10.30 – 11.00	Tea Break
11.00 – 13.00	SIL Study – The Methodology SIL Study – The Session
13.00 – 14.00	Lunch
14.00 – 15.00	SIL Study – The Session
15.00 – 16.00	SIL Study – The Role Play
16.00 – 16.30	Tea Break
16.30 – 17.30	Q&A, Summary & Feedback

* IEM reserves the right to postpone, reschedule, allocate or cancel the course.