



**VIRTUAL**  
**ONE DAY COURSE ON**  
**“ EMERGENCY RESPONSE PREPAREDNESS IN  
MANUFACTURING INDUSTRIES ”**

**{HRDF Claimable}**

**SPEAKER ;**  
**Ir. GARY LIM ENG HWA**

**Date : 14<sup>TH</sup> JUNE 2021 (Monday)**  
**Platform : VIRTUAL Course via ‘ZOOM Platform’**  
**Time : 9.00 a.m. – 5.30 p.m.**

**BEM Approved CPD/PDP Hours: 7.0**  
**IEM21/HQ/134/C(w)**

**FIRST-COME-FIRST-SERVE-REGISTRATION**  
**LIMITED TO NINETY SEVEN PAXS ONLY (97)**



**Closing Date: 09<sup>TH</sup> JUNE 2021**

**NO online registration will be allowed after the Closing Date**

**Organized & Hosted by:**  
**Building Services Technical Division (BSTD), IEM**

**Cancellation Policy**

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

**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.

**“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”.**

## SPEAKER



**Ir. GARY LIM ENG HWA**  
**BE(Mech.) NZ, Mgt Dip. FIEM, P.Eng, Asean Eng.**

**Ir. Gary Lim** is an experienced and qualified Professional Engineer with over 20 years of manufacturing experience in these areas; Industrial Engineering (Work Study), Project Management, Maintenance, Production and Factory Management. The 20 years of his work spanned over various industries namely industrial chemicals, dairy products, jam, sauces, chocolates, confectionnaires, industrial gases (liquid nitrogen, oxygen, argon, etc), blow moulding of plastic containers and paint manufacturing.

His last 11 years of his working experience was with a multinational insurance company where he received further training in the area of Fire Engineering from an insurer perspective, started as the Risk Engineer and retired as the Risk Manager of the MNC insurer. Currently he is the committee member of the Building Services Technical Division and member of the Fire Advisory Board of the Institution of Engineers, Malaysia. He has a degree in Mechanical Engineering from the University of Canterbury, New Zealand and a Management Diploma from New Zealand. He is a Professional Engineer registered with the Board of Engineers, Malaysia and a Fellow of the Institution of Engineers, Malaysia (IEM). He spoke in many public seminars both for the insurance industry, Malaysia Fire Protection Association and the Institution of Engineers, Malaysia.

## SYNOPSIS

In any manufacturing companies there will be a number of emergency situations which could arise during the operation. Often such emergency happens when you least expect it in this respect being PREPARED for such situation is very important to mitigate the loss to life and property. There are statutory regulations which impose upon manufacturer to put in place a very specific emergency like for example:

- Manufacturer is categorised as a DESIGNATED building under the Fire Services Act 1988 - Fire Services (Fire Certificate) Regulation 2001 an Emergency Response Team must be formalized.
- Manufacturer under Occupational Safety and Health (Control of Industrial Major Accident Hazards) Regulation 1996 requires On-Site Emergency Plan hence various Emergency Response Team must be formalized.

From this course manufacturer would understand their strength and weakness when face with an emergency situation. Therefore, a review of the existing Emergency Response Teams would be deliberated and suggestions provided to enhance their respective teams.

### Objectives

- To comply with regulatory requirements when Emergency Response Teams are put in place
- To ensure the Emergency Response Teams are effective when carrying out their duties
- To maintain records of drill and training for review by Authority Having Jurisdiction.

Upon completion of this program, participants will:

- Understand the statutory requirements related to emergency situations
- Understand that the hazards which give rise to DIFFERENT types of emergency situation.
- Understand their respective role during the emergency situation

Acts and Regulations state the need of EMERGENCY Response to save guard the occupants. Basic Risk Management Process to identify the various areas. List of Emergencies which could arise from the operations.
Identify the Fire and Explosion Risks (Hazards) in the Plant at each of the participant's section Understanding the Active Fire Systems in the Manufacturing Plant <ul style="list-style-type: none"><li>- Portable Fire Extinguishers, Hose Reel system, Wet Riser, Hydrant Ring Main and Sprinkler</li><li>- Gaseous Suppression System for Data Centre, Electrical &amp; Transformer room</li><li>- Formalize the ERT team<ul style="list-style-type: none"><li>- Specific functions of each team member</li><li>- Practical classroom session will be carried out by individual team members</li></ul></li></ul>
Identify the Chemical storage areas – Chemical register and Spillage area Select the Fire Team members to be Chemical spillage control team <ul style="list-style-type: none"><li>- Specific functions of each team member</li></ul>
Spillage kit to control and contain the spilled chemicals Formalize the Evacuation team (fire incident and chemical spillages)

## PROGRAMME

Time	Topics
9.00 a.m. – 9.10 a.m.	Welcoming & Introduction
9.15 a.m. – 10.30 a.m.	Session 1
10:30 a.m. – 10.40 a.m.	Break Time (morning)
10.40 a.m. – 1.00 p.m.	Session 2
1.00 p.m. – 2.00 p.m.	Break Time
2.00 p.m. – 3.30 p.m.	Session 3
3.30 p.m. – 3.40 p.m.	Break Time (afternoon)
3.40 pm – 5.00 p.m.	Session 4
5.00 p.m. – 5.30 p.m.	Question & Answer Session End of Seminar

**For further details, kindly contact:**

The Institution of Engineers, Malaysia  
Bangunan Ingenieur, Lots 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan),  
46720 Petaling Jaya, Selangor  
Tel: 603-7968 4001/2 Fax : 603-7957 7678 Email : [shahrul@iem.org.my](mailto:shahrul@iem.org.my)

## REGISTRATION FORM

**VIRTUAL ONE DAY COURSE ON  
"EMERGENCY RESPONSE PREPAREDNESS IN MANUFACTURING INDUSTRIES"  
14<sup>TH</sup> JUNE 2021 (Via ZOOM PLATFORM)**

Tel: 603-7968 4001/2 Fax : 603-7957 7678 Email : [shahrul@iem.org.my](mailto:shahrul@iem.org.my)

**REGISTRATION FEE : 6% GST EFFECTIVE 01<sup>ST</sup> MARCH 2019 (HRDF Claimable)**

	Online Fee	Normal Fee
Student Member	RM 75.00	RM 90.00
Graduate Member	RM 125.00	RM 150.00
Corporate Member	RM 200.00	RM 225.00
Non IEM Member	RM 480.00	RM 540.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
<i>PLEASE ADD + 6% SST</i>				
<b>TOTAL PAYABLE</b>				

**PAYMENT DETAILS :**

Cash RM \_\_\_\_\_

Cheque No. \_\_\_\_\_ for the amount of RM \_\_\_\_\_ (non refundable) and made payable to

**"THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.**

**(SHOULD PAYMENT IS MADE, KINDLY EMAIL THE 'BANK-IN-SLIP' TO IEM FOR VERIFICATION BEFORE THE EVENT FOR EASY REGISTRATION)**

**FULL PAYMENT must be settled before commencement of the seminar**, 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. The Registration Fee includes lecture notes.

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

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization : \_\_\_\_\_

Address : \_\_\_\_\_

Telephone No. : \_\_\_\_\_ (O) Fax No : \_\_\_\_\_ (O)

Handphone: \_\_\_\_\_ (HP) Email: \_\_\_\_\_

Signature & Stamp \_\_\_\_\_

Date \_\_\_\_\_

**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
- The Organising 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.