

**Mechanical Engineering Technical Division**

The Institution of Engineers, Malaysia

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REGISTRATION: (ONE DAY COURSE ON MAINTENANCE OF LIFTS AND ESCALATORS)

NAME(S)	IEM M'SHIP NO. /GRADE	FEES (RM)
SUB TOTAL		
ADD GST @ 6%		
<b>TOTAL PAYABLE</b>		

Company: \_\_\_\_\_

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

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

(Please write clearly as the "Confirmation Notification" will be sent via email)

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**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**'.
**Terms & Conditions:**

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK-IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made on 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. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- 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.



Organised by:  
 Mechanical Engineering Technical Division,  
 The Institution of Engineers, Malaysia

# One-Day Course on "Maintenance of Lifts and Escalators"

Speaker:

Mr. Raghib Fasih Azmi, Grad IEM

Date:

9 November 2016 (Wednesday)

9.00am – 5.30pm

Venue:

C&S and TUS Lecture Room, 2<sup>nd</sup> Floor,  
 Wisma IEM, Petaling Jaya, Selangor Darul Ehsan

**REGISTRATION FEES (BEFORE GST)**

GRADE	ONLINE FEE	NORMAL FEE
IEM Student Member	RM 150.00	RM 180.00
IEM Graduate Member	RM 250.00	RM 300.00
Corporate Member	RM 450.00	RM 500.00
Non IEM Member	RM 600.00	RM 650.00

**Closing Date: 2 November 2016**

BEM Approved CPD/PDP Hours: 7  
 Ref. No: IEM16/HQ/442/C

GST is implemented effective  
 1 April 2015

## SYNOPSIS

Owners and operators of lift and escalators systems in Malaysia are bound by very specific duties in the Malaysian Lift Regulations where they assume the responsibility for the safe operation and availability of the systems. For the systems to operate safely, owners have to ensure they monitor, carry out regular and specialist maintenance, any necessary repairs and have the system inspected by a competent, impartial third-party.

A contract should provide owners the peace of mind that the equipment would perform to meet the requirements of their building. Unfortunately, usually this is not the case as most of the contracts are not performance based i.e. they do not reflect the performance required of the equipment to meet the service levels in the building. The contract should equally protect both parties whilst ensuring the appropriate level of service is provided.

Defining the performance levels, reliability and in-service time that the owners need is the foundation and these need to be realistic, take into account the condition of the equipment and be clearly defined as do incentives and penalties for meeting or missing them. We shall look at this topic from both EN13015 and Malaysian Lift Regulations perspectives.

## COURSE OBJECTIVE

To enable participants to be able to understand what the correct level of service that suits theirs and regulatory needs factoring in all the asset details and key performance indicators such as:

- Minimum service hours
- Maximum number of breakdowns and response times
- Reasonable penalties to be applicable should any of the KPIs are not met.
- Individual assessment of your equipment
- Objective evaluation of the state of maintenance
- Optimise the operating costs
- Increase availability
- Increase maintenance quality and thus safety

## WHO SHOULD ATTEND?

- \* Building owners
- \* Building managers
- \* Project Managers
- \* Designers, Engineers, Architects
- \* Constructors of buildings which require VTS
- \* Enthusiasts who would like to know more about the mysterious VTS

## CANCELLATION POLICY

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less 30% if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

## BIODATA OF SPEAKER

Mr. Raghieb Fasih Azmi, Grad. IEM has more than 20 years of experience in the elevator and escalator industry. He has served various capacities in sales, installation, maintenance and general management for leading lift companies both locally as well as overseas. He had roles in several major high rise projects such as Petronas Twin Towers, Burj Khalifa, India Tower, Kingdom Tower and Menara Warisan. Currently he is working for a leading Malaysian company providing green, smart and connected solutions for the built environment.



Mr. Raghieb Fasih Azmi, Grad. IEM has served in the SIRIM Working Group on Lifts and Escalators and has been actively involved in the development of MS2021 for lifts and MS1918 for escalators. He has been actively serving IEM in various committees since 1993 and is currently a committee member of Mechanical Engineering Technical Division of IEM.

## TENTATIVE PROGRAMME

TIME	PROGRAMME
08:30am – 09:00am	<b>Registration</b>
09:00am – 10:30am	Introduction & Overview
10:30am – 10:45am	<b>Tea Break</b>
10:45am – 01:00pm	Maintenance as per EN 13015 and Malaysian Lift Regulations
01:00pm – 02:00pm	<b>Lunch</b>
02:00pm – 03:15pm	Writing a bespoke lift and escalator maintenance contract
03:15pm – 03:30pm	<b>Tea Break</b>
03:30pm – 05:30pm	Audit & Inspection
05:30pm	End of Course

## 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.