

TECHNICAL VISIT TO "KLIA BAGGAGE MANAGEMENT"

Co Organised by
Mechanical Engineering Technical Division, IEM &
IMEchE Malaysia Branch

 **30th June 2022 (Thursday)**
 **9.00am to 1.00pm**

 **KLIA Malaysia Airports (Sepang) Sdn. Bhd, Airport Management Centre, 64000 KLIA SEPANG (Coach provided from IEM Office)**
theedgemarkets

SYNOPSIS **BEM Approved CPD/PDP Hours: 4 Ref No: IEM22/HQ/202/V**
The baggage handling system at an airport plays a crucial role in keeping travellers happy. It also can make the difference in an airport's ability to attract or keep a major airline hub ("an airport that serves as a central connecting point through which many flights of a particular airline are routed" -- Webster's New World Dictionary).

- A baggage-handling system has three main jobs:
- 1) Move bags from the check-in area to the departure gate
 - 2) Move bags from one gate to another during transfers
 - 3) Move bags from the arrival gate to the baggage-claim area

Commitment fees (inclusive GST)
(Non refundable & non transferable)
IEM & IMechE Member: RM 50.00
Non IEM Member: RM 70.00

Each airport has its own requirements. For instance, the time allotted for a bag to make it from the check-in area to the gate is determined by how fast a passenger can make the same trip. In some airports, it might only be a short walk to the passenger terminal, while in others; passengers might have to take a train.

Kuala Lumpur International Airport is capable of handling 35 million passengers and 1.2 million tonnes of cargo a year in its current phase. It was ranked as the 18th busiest airport in the world by international passenger traffic, and is the 7th busiest international airport in Asia. The complex handled 34,087,636 passengers in 2010.

In this visit, we'll work our way through the baggage-handling system at Kuala Lumpur International Airport, focusing on the Malaysian Airlines terminal. We'll start with an overview.

- 1) Destination-coded vehicles (DCVs),
- 2) Unmanned carts propelled by linear induction motors mounted to the tracks, can load and unload bags without stopping.
- 3) Automatic scanners scan the labels on the luggage.
- 4) Conveyors equipped with junctions and sorting machines automatically route the bags to the gate.

The system incorporates some amazing technology to move bags from the check-in counter to the departure gate in an almost completely automated way.

ITINERARY OF THE VISIT

Time	Itinerary
08.30 am – 09.00 am	Registration
09.00 am	Group departure from IEM Building
09.30 am	Arrival at KLIA Baggage Management
09.30 am – 11.30 am	Company Presentation
11.30 am – 01.00 pm	Tour
01.00 pm	End of Visit

- ✓ The visit is strictly limited to **35 participants** registered on a first-come, first-served basis.
- ✓ Interested participants are to register and pay online at www.myiem.org.my or register by returning the appended registration form **before 20th June 2022** together with the payment.
- ✓ For **IMEchE Members** kindly email to roselein@iem.org.my
- ✓ Cheques are to be made payable to **The Institution of Engineers, Malaysia.**
- ✓ Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.
- ✓ After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- ✓ Members are also reminded that if a place is reserved, IEM *may* cancel the reservation if payment is not received.

Ir. Dr. Aidil Chee Tahir
Chairman
Mechanical Engineering Technical Division

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.

REPLY SLIP
VISIT TO KLIA BAGGAGE MANAGEMENT

I wish to participate in the above technical visit on **30th June 2022 (Wednesday)**. I enclose herewith Cash / Cheque No for the amount of **RM50.00/RM70.00** as my commitment fee for the visit.

Name of Member: M'ship No..... Grade:

Address: Tel (Off./Res): Mobile

..... Company's name:

..... I/C No. of participant:

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

..... Date Signature

(Photostat copies are acceptable)