

TECHNICAL VISIT TO "SIRIM Berhad"

BEM Approved CPD/: 2 Hours

Ref. No.: IEM24/HQ/102/V

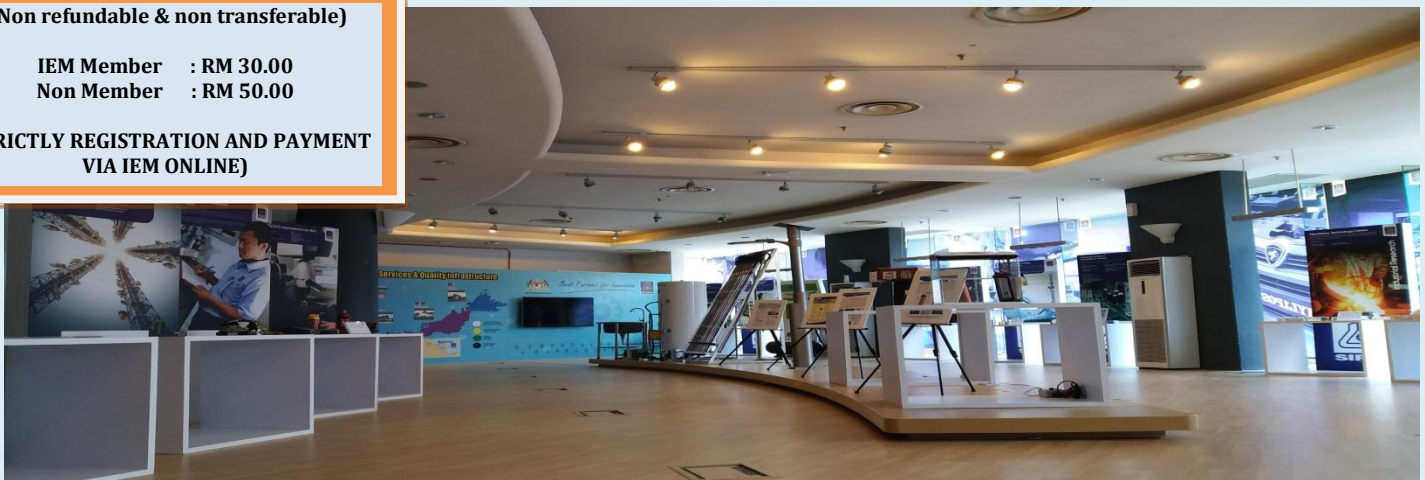
Jointly Organised by Material Engineering Technical Division (MaTD),
Electronic Engineering Technical Division (eETD)

| | | |
|----------------------------|----------|--|
| Date | : | 19th April 2024, Friday |
| Time | : | 9.45 am - 12.30 pm |
| Venue & Address | : | SIRIM Berhad No.1, Persiaran Dato' Menteri, Section 2, 40700 Shah Alam, Selangor |
| Transport | : | OWN TRANSPORTATION |

(Non refundable & non transferable)

IEM Member : RM 30.00
Non Member : RM 50.00

(STRICTLY REGISTRATION AND PAYMENT
VIA IEM ONLINE)



ABOUT TECHNICAL VISIT TO "SIRIM Berhad"

This visit is to concentrate on two section:

a) SIRIM Industrial Research (Advanced Materials Research Centre)

- Testing and analysis facilities for general ceramics, metals, polymers and composites
 - ✓ SEM, XRD, XRF, also related to the coefficient of expansion, flexural strength, and compressive strength, colour meter, glass reflex index analyser, etc.
 - ✓ Our processing equipment includes electrospinning (producing micro-nano fibre), ceramic injection mould and ceramic tube extruder, and glass melting and sintering furnaces up to 1700°C.
 - ✓ Some of the products developed in the past include ceramic filters (tubes), ceramic knives and tool bits, crucibles, welding guides, etc.

b) SIRIM QAS International Sdn. Bhd. (Materials Integrity Section (MIST))

- MIST provides third party and independent testing services on metallic materials and products, proof load test on lifting devices and failure investigation services with specialization in failure analysis of metallic materials.
 - ✓ Materials Science Laboratory (MSL)
 - ✓ Lifting Devices Laboratory
 - ✓ Materials Analysis Laboratory (MAL)
 - ✓ COA Iron & Steel (Testing) Laboratory

For further details about both sections, refer to the [LINK](#).

The objective of this visit is to provide participants with opportunities to understand the capabilities of SIRIM for our engineering profession.

ITINERARY

| Time | Activity | Location |
|----------------------------|---|--|
| 0945 – 1000 | <ul style="list-style-type: none"> Arrival of personnel from SIRIM and IEM Photo Op & Goodie bags | <ul style="list-style-type: none"> SIRIM Berhad Cafeteria (VVIP Room) |
| 1015 – 1030 1030 – 1045 | Tour & Visits: SIRIM Industrial Research <ul style="list-style-type: none"> Advanced Materials Research Centre Life Sciences Centre | <ul style="list-style-type: none"> SIRIM Berhad, Block 18 SIRIM Berhad, Block 19 |
| 1045 – 1115 1115 - 1200 | SIRIM QAS International Sdn. Bhd. <ul style="list-style-type: none"> Materials Integrity Section (MIST) The Chemical, Polymer and Composite Section (CPCT) | <ul style="list-style-type: none"> SIRIM Berhad, Block 20 & 22 |
| 1200 – 1230 | Refreshments | <ul style="list-style-type: none"> SIRIM Berhad Cafeteria (VVIP Room) |

- The visit is strictly limited to **20 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 12th April 2024** together with the payment.
- 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.
- After this closing date, IEM reserves the right to allocate seats on first come first pay basis.
- Members are also reminded that IEM **MAY** cancel the reservation if payment is not received before the closing date

REPLY SLIP

Tel : 03-7890 0134 / Email: suriani@iem.org.my

I wish to participate in the above visit on **12th April 2024**. I enclosed herewith a cheque No.....for the amount of RM..... as my commitment fee for the visit.

Name: Member No:

Grade: Company:

Designation:

Contact Number: IC Number:

Email address: Company address:

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.

Ir. Assoc. Prof. Dr. Wong Yew Hoong
Chairman
Material Engineering Technical Division (MaTD), IEM
Session 2023/2024