



# The Institution of Engineers, Malaysia

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## Technical Visit to Kruger Factory

(Organised by the Building Services Technical Division)

Date : 8 June 2013 (Saturday)  
Time : 09.00am – 13.50pm  
Venue : Kruvent Industries (M) Sdn Bhd, Lot 850, Jalan Subang 7, Taman Perindustrian Subang, 47500, Subang Jaya, Selangor Darul Ehsan  
Transport : Transport will be provided (Please assemble at Bangunan Ingenieur at 8.00am)

**BEM Approved**  
**CPD Hours: 2.5**  
**Ref. No: IEM13/HQ/035/V**

### SYNOPSIS

Fan Efficiency Grade (FEG) and Fan Motor Efficiency Grade (FMEG) is becoming a trend towards Energy Efficiency & Conservation in Green Building requirement.

- a) **International Standard ISO 12759 – Efficiency Classification for Fans**
- b) **The Right Fan Type For The Right Application** - To meet ISO 12759 requirement on Efficiency Classification for Fans

Fan Efficiency is not the only factor in Energy Conservation System. Other factors included e.g.:-

- c) **System Effect**  
*“The Design Engineer can specify the most efficient equipment available; but if it’s installed in an inefficient system, it will not reach its design performance” – AMCA*
- d) **Noise Control**  
Component that increased system resistance and reduce system efficient that should be considered in the initial design stage

This talk will introduce you the latest energy efficiency of fan; the situation and trend of the European Union (EU) and American towards the energy efficiency classification of fans. Other factor’s not considered during the energy efficiency grade for fans eventually will affect the final result and effort of the Energy Consultant.

### ITINERARY OF THE VISIT

| Time                | Itinerary  |
|---------------------|--|
| 09.00 am – 09.30 am | Arrival & Company Profile Address by Mr KH Teoh, Managing Director |
| 09.30 am – 10.15 am | <b>Factory Visit</b>   |
| 10.15 am – 10.35 am | Tea Break  |
| 10.35 am – 12.10 pm | <b>Briefing on System Efficiency Factors</b>                       |
| 12.10 pm – 12.30 pm | Q&A  |
| 12.30 pm – 13.50 pm | Lunch and end of Visit   |

The visit is strictly for **IEM MEMBERS ONLY** and **other competitor is strictly not allow to join the visit** and limited **to 40 participants**. Registration will be on a first-come-first-serve basis subject to payment within 5 working days and Members who are interested to join the visit are requested to return the reply slip to the IEM Secretariat before **4 June 2013** together with a non-refundable commitment fee of **RM 30.00** per person and 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 reserved 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. If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

**Ir. Lim Chean Fung**  
**Chairman**  
**Building Services Technical Division, IEM**

### REPLY SLIP (Fax to : 03-7957 7678)

Chairman, Building Services Technical Division, IEM  
The Institution of Engineers, Malaysia

#### Technical Visit to Kruger Factory

I wish to participate in the above visit on Saturday 8 June 2013. I enclosed herewith a cheque No ..... for the amount of ..... as my commitment fee for the visit.

Name of Member : ..... M’ship No: .....  
Company’s Name: ..... I/C No : .....  
Address : ..... Tel : .....  
..... Mobile : .....  
..... Fax No : .....  
..... Email : .....

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)

*Please bring along this flyer for confirmation of attendance*  
*(Photostat copies are acceptable)*