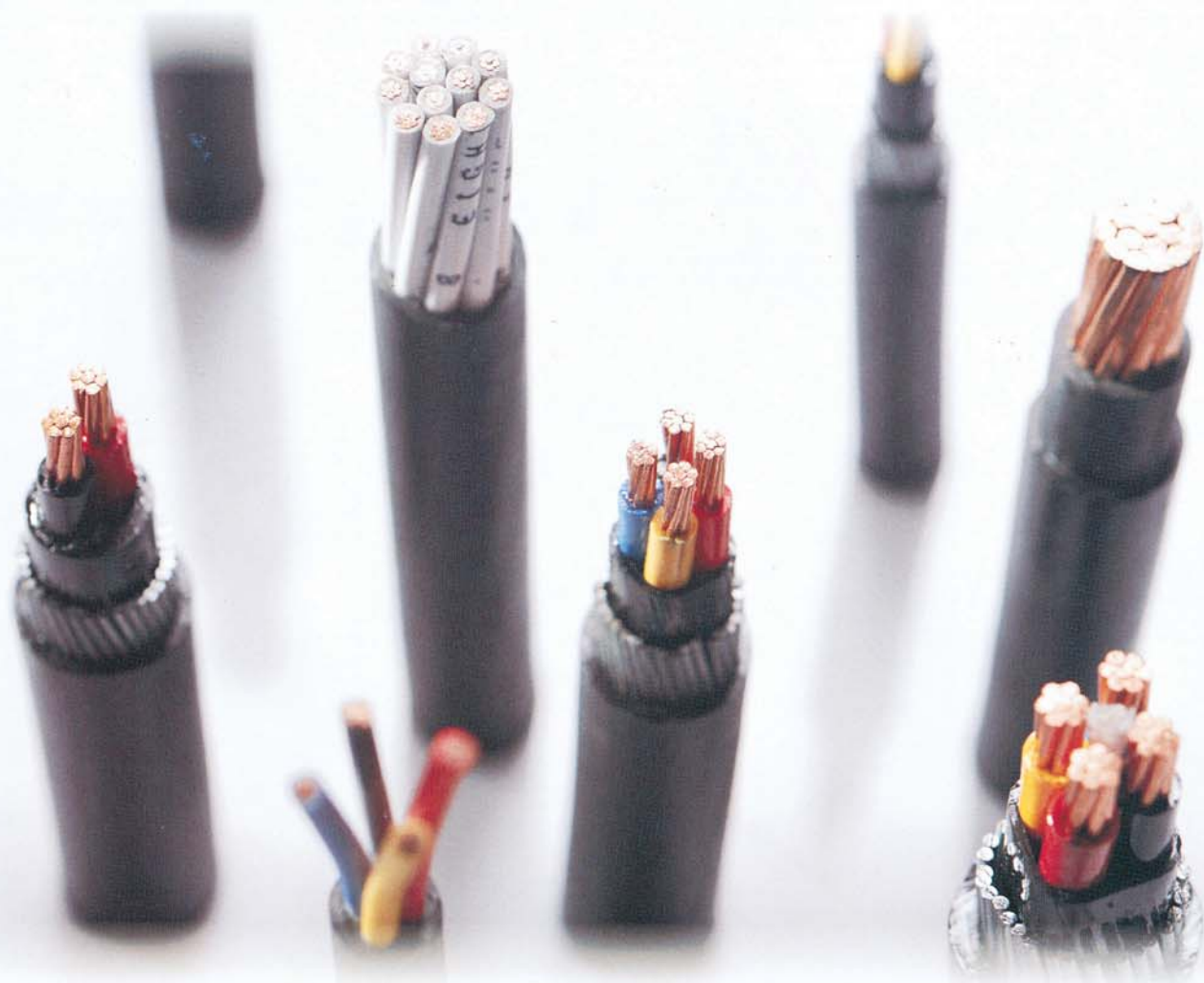




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Bowling Tournament 2008

On 30th November 2008, TEEAM organised the annual Bowling Tournament at Pyramid Mega Lanes, Sunway Pyramid Shopping Centre, Selangor. The response was overwhelming. Some 104 bowlers participated in the tournament. It was a good opportunity for members and their employees to mingle around and foster closer relationship.

Special thanks to the generous sponsors, Chi-Tak Electrical (Sel) Sdn Bhd, Mega Mayang M&E Sdn Bhd, Omron Electronics Sdn Bhd and Systematic Electrical Engineering Sdn Bhd.

A perfect game prize of RM 3,000 is allocated to the bowler who gets perfect strike in every game. However there is no "perfect winner". A group photo of TEEAM officials and winners capped off the event. The winners are announced on page 55.



Group photo – Winners and TEEAM officials posing for the album.



At Pyramid Mega Lanes – Every bowler concentrating on striking the pins.



"Bowling King" – Mr Ajah Maidien Mohd Ajan of Sunway Engineering receiving the Chi-Tak Challenge Trophy and Omron Automatic Blood Pressure Monitor from Mr David Chong Ah Nyap (TEEAM Vice President). He scored 1063 pins.



"Bowling Queen" – Ms Yong Sim Min of Omron Electronics receiving the Chi-Tak Challenge Trophy and Omron Automatic Blood Pressure Monitor from Ir Steven Ng Khoo Hwa (TEEAM Vice President). She scored 599 pins.



Overwhelming response –All bowlers and TEEAM officials wore the Chi-Tak & Schneider sponsored t-shirts.



AFEEC/FAPECA Conference & Meeting 2009

15th to 17th July 2009, Kuala Lumpur, Malaysia



TEEAM is honoured to host the 2009 Conference & Meeting of the Asean Federation of Electrical Engineering Contractors (AFEEC) and the Federation of Asian and Pacific Electrical Contractors Associations (FAPECA). The event is held from 15th to 17th July 2009 in Kuala Lumpur in conjunction with the Asean Elenex 2009 Electrical Engineering Exhibition. It is expected to draw electrical contractors and suppliers from Australia, Europe, Hawaii, Hong Kong, Indonesia, Japan, Korea, New Zealand, Malaysia, Mexico, Philippines, Singapore, Taiwan, Thailand and USA. Members and guests who are interested to participate in the event are kindly requested to contact the TEEAM Secretariat for details and registration. Tel: 603-9221 4417, 9221 2091 or E-mail: teeam@po.jaring.my or teeam@streamyx.com

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Congratulations to Our Bowlers

Men's Singles Event

Champion

Ajah Maidien Mohd Ajan
Sunway Engineering Sdn Bhd
*Chi-Tak Challenge Trophy + Replica +
Omron Automatic Blood Pressure Monitor*

2nd Prize

Teo Team Sing
Ademco (Malaysia) Sdn Bhd
*Trophy + Jaya Jusco Cash Voucher of
RM250.00*

3rd Prize

Ryan Ho
City-Lite Letrik Sdn Bhd
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4th Prize

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Sunway Engineering Sdn Bhd
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5th Prize

Lau Choong Heng
Systematic Electrical Engineering Sdn Bhd
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6th Prize

Liew Wai Choy
Schneider Electric Industries (M) Sdn Bhd
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7th Prize

Steven Koo
TCIM Sdn Bhd
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8th Prize

Jerry Lim Lai Huat
City-Lite Letrik Sdn Bhd
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9th Prize

Lim Kuan Yeow
WH Electrical Marketing (M) Sdn Bhd
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10th Prize

Mahadi Abdul Latip
Sunway Engineering Sdn Bhd
Jaya Jusco Cash Voucher of RM40.00

High Game

Ajah Maidien Mohd Ajan
Sunway Engineering Sdn Bhd
ABB Bath Towel

High Series (Game 1, 2, 3)

Gallen Loh Yee Hin
Omron Electronics Sdn Bhd
ABB Bath Towel

High Series (Game 4, 5, 6)

Ahmad Hadafi
ABB Malaysia Sdn Bhd
ABB Bath Towel

4th Prize

Jariah Juraimi
Lotus Power Corporation (M) Sdn Bhd
Jaya Jusco Cash Voucher of RM80.00

5th Prize

Josie Wong
City-Lite Letrik Sdn Bhd
Jaya Jusco Cash Voucher of RM60.00

High Game

Jariah Juraimi
Lotus Power Corporation (M) Sdn Bhd
ABB Bath Towel

High Series (Game 1, 2)

Lee Sook Kuen
KVC Industrial Supplies Sdn Bhd
ABB Bath Towel

High Series (Game 3, 4)

Che Su Mat
Teknopuri Sdn Bhd
ABB Bath Towel

Ladies' Singles Event

Champion

Yong Sim Min
Omron Electronics Sdn Bhd
*Chi-Tak Challenge Trophy + Replica +
Omron Automatic Blood Pressure Monitor*

2nd Prize

Yen Mee Fong
ABB Malaysia Sdn Bhd
*Trophy + Jaya Jusco Cash Voucher of
RM250.00*

3rd Prize

Chua Wei San
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*Trophy + Jaya Jusco Cash Voucher of
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Introduction

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Course Fee and Certificate

The course is sponsored by CIDB which is subject to approval.

Course participants who have achieved the skill competency requirement will be awarded with a certificate. In addition, a CIDB Green Card will also be issued.

Who Should Attend

This course is for schools leavers, do-it-yourself personnel, electrical worker at construction site, apprentice wiremen and other technical/non-technical staff.

For registration and further information, please contact the TEEAM Secretariat at
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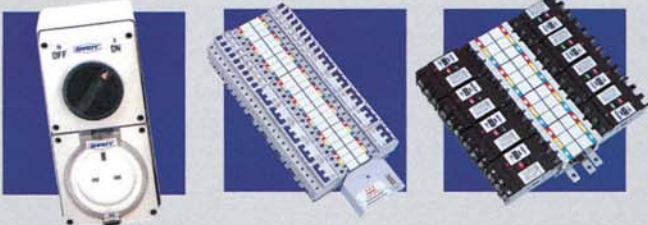
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Members who are interested to participate may contact the TEEAM Secretariat for details.

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E-mail: teeam@po.jaring.my or teeam@streamyx.com

For detailed enquiries on IEEE T&D Asia and SIEF 2009, please contact:

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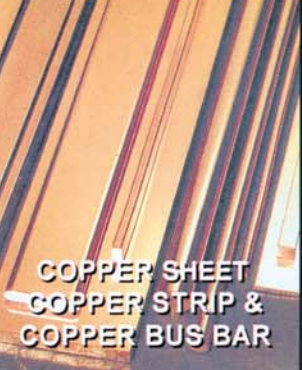
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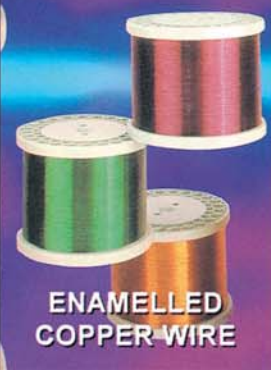
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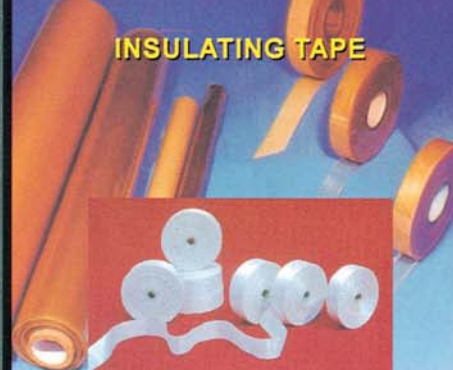
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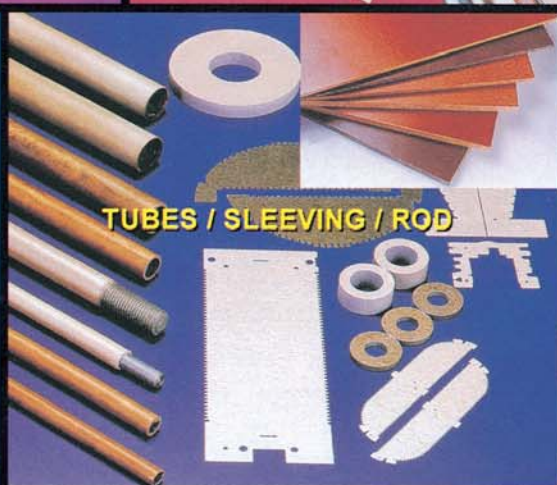
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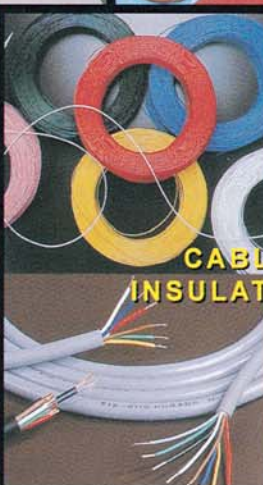
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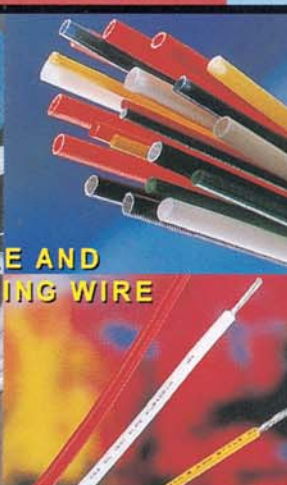
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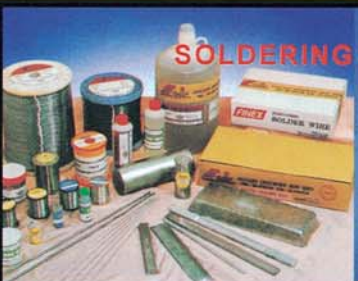
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State Associations News



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Website: www.pema.org.my

Courtesy Visit to TNB Pulau Pinang

On 29th August 2008, an 8-member delegation led by PEMA President, Mr Teoh Yew Yean paid a courtesy to Ir Abdul Aziz Jaafar, TNB General Manager, Pulau Pinang. During the visit, Mr Teoh introduced the delegation to the new GM and issues of mutual interests were discussed. Some PEMA activities and problems were also highlighted during the visit. It was decided that a dialogue to thrash out these outstanding issues will follow.



Courtesy visit – Some issues were highlighted at the meeting.

Seminar on VSD Applications

A 1-day joint seminar between PEMA and Danfoss Industries Sdn Bhd on Variable Speed Drives (VSD) Application was held at Vistana Hotel, Penang on 14th August 2008. The seminar was organised to promote more efficient usage of energy in various applications in the various industries. Four speakers from Danfoss Industries Sdn Bhd conducted the seminar. They are Clarence Seah, Irin Kang, Saw Leong Liang and Yong Kin Choong. The seminar was organised by PEMA Council Member, Mr Chee Soon Chin and Mr Cheah See Yeong was the coordinator. The seminar successfully drew 60 participants. The Board of Engineers Malaysia (BEM) has approved the seminar for 5 CPD hours.



All smiles – A group photo taken for the album.

Walkathon 2008

On 30th November 2008, the PEMA Recreation Committee headed by Chairman, Mr Lim Kim San organised a walkathon to the Air Itam Dam. The walkathon was participated by 200 people consisting of PEMA members, advisors, trustees and members' families and employees. The objectives were to foster closer relationship and to instill health consciousness for a healthier society. About 200 walkers participated in the event. They received T-shirts, goodies and attractive prizes for the lucky draw. It was a joyous occasion where all mingled to get to know each other in the spirit of PEMA sportsmanship.



Healthy group – All walkers woke up early to join the event.

PEMA-TNB Pulau Pinang Dialogue

On 6th November 2008, a dialogue between PEMA and TNB Pulau Pinang was held at TNB Conference Room, Anson Road, Penang. Some thirteen PEMA officials were led by PEMA President, Mr Teoh Yew Yean. TNB General Manager for Pulau Pinang, Ir Abdul Aziz Jaafar and eight senior officials received the PEMA officials.

Some issues were brought up at the dialogue, ie supply application process, delay in LPC (Large Power Consumer) application approval, long duration to approve and implement projects, metering issues, witnessing overload setting and RJO (Rechargeable Job Order), conduct of TNB staffs and electricity theft. TNB request PEMA's cooperation on these matters to help solve the problems.

TNB agreed to set up a working task force to discuss matters pertaining to TNB administrative and technical problems. The task force comprised officials from TNB and PEMA and meeting will be held fortnightly. The dialogue was fruitful as many issues were resolved. A sumptuous lunch was hosted by PEMA.



Meeting in progress – Some pressing issues were brought up for discussion.

Seminar on Power Quality

PEMA with the support from the Suruhanjaya Tenaga (ST) and Schneider Electric Sdn Bhd organised a 1-day seminar on Power Monitoring & Control and Power Quality at the Gurney Hotel, Penang on 14th January 2009. This short course covered an introduction to power quality problems which have now become more critical due to industrial equipment becoming more sensitive to minor voltage variation and companies have become more intolerant to loss of production time due to their reduced profit margin and competitiveness. Ir Md Zakuan Hj Ibrahim, Director of ST, Northern Region gave a keynote address to some 60 participants. The speaker from the ST is Ir Francis Xavier Jacob, Director of Economic Regulation & Industry Development. He gave a 1-hour talk on Energy Efficiency & Conservation Strategies and Programme. Speakers are also invited from Schneider Electric Sdn Bhd. They are Wilson Puon and Mok Kam Meng who are Energy Efficiency Solution Managers. Certificates of attendance were presented to all participants who attended the course.



Token of appreciation – Souvenir presentation was held after the seminar.

China Exhibition and Factory Visit

A trade visit to an exhibition and factory in China was organised by Recreation Committee Chairman, Mr Lim Kim San from 19th to 23rd October 2008. The delegation was led by PEMA Immediate Past President, Dato' Hong Yeam Wah. Members visited the Guangdong Exhibition and a LED (Light Emitting Diodes) factory. It was a very fruitful visit and it gave the delegation an insight into the manufacturing process of LED and members had the opportunity to see the various products on show at the exhibition.

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.... Continue State Associations News

Electrical Association of Sarawak & Sabah (EASS)

No. 2 A/F, 2nd Floor, Hardin Road, 96000 Sibu, Sarawak.
Tel: 6084-319 949 Fax: 6084-346 114, 325 112

Trade Visit to Thailand

The Electrical Association of Sarawak and Sabah (EASS) organised a trade visit to Thailand in September 2008 to understand the country's electricity transmission and its future plan. The delegation was led by EASS Chairman, Mr Hii Hua Chuon. The electrical industry and commercial development in Thailand are more advanced. During the visit, they observed that all sizes of electricity cables appeared on a single pole in the village area. This helps to cut construction materials cost and provide space for the surrounding. The Thai manufactured highline transmission cable is widely used in Sarawak. Mr Hii highlighted that Thai manufactured products are good in quality, packaging and have complete product description which is good for users.



Thai electricity pole – Mr Hii Hua Chuon (Chairman of EASS) noticed the appearance of the electricity pole during EASS trade visit to Thailand.



Sightseeing – The EASS delegates took the opportunity to visit a local temple.

Visit to Galvapole

A group of EASS members visited one of the largest electricity pole manufacturers in Malaysia, Galvapole Industries Sdn Bhd. The visit was led by EASS Chairman, Mr Hii Hua Chuon. Mr Hii informed that there is no manufacturer in Sarawak that manufactures high pole of more than 50 meters. Galvapole manufactures lamp pole, street lantern, flag pole, telecommunication pole, traffic light pole and TV transmission pole.



At the factory – EASS delegates posing with some Galvapole officers.

New Air-Conditioning Model Briefing

EASS organised a briefing by Carrier and Toshiba on their new air-conditioning models. It is a platform for its members to understand more on its function and environmental friendly features.



Fruitful briefing – A souvenir presentation was held after the briefing.

Other State Association Members' contacts:

Johor Bahru Electrical & Electronics Association

No.7-01, Jalan Bentara Luar, Taman Iskandar,
80050 Johor Bahru, Johor Darul Takzim.
Tel: 607 - 333 8174 Fax: 607 - 224 1923
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c/o No. 194, Jalan Pantai, 71000 Port Dickson.
Tel: 606-647 1105 Fax: 606-647 4728



Sabah Electrical Association

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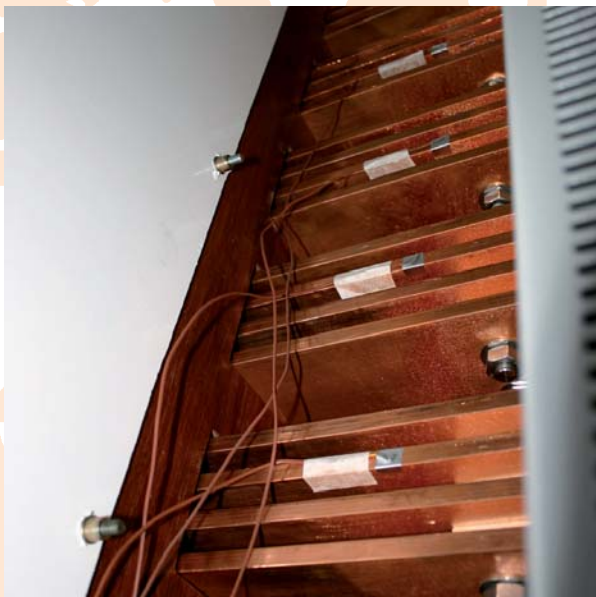
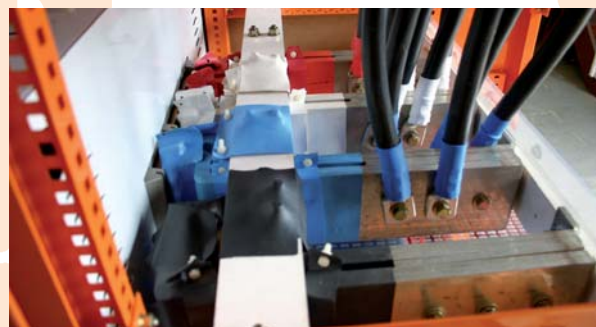


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Challenges and Opportunities in Electrical Industry - Part 10

This paper was prepared by Ir Chew Shee Fuee, TEEAM Immediate Past President.

The Efficient Management of Electrical Energy Regulations 2008

The proposed "Efficient Management of Electrical Energy Regulations 2008" was mentioned in SUARA January 2007. The good news is that the Efficient Management of Electrical Energy Regulations 2008 was gazetted on 15th December 2008 and covers intensive energy users in the industrial and commercial sectors. It is incorporated with the Electricity Supply Act 1990. As far as the requirement is concerned it is now applicable to installations that fall into the following category.

Installations that will be affected by the proposed regulations will include the following:

- Any installation which receives electrical energy from a licensee or supply authority with a total electricity consumption equal to or exceeding 3,000,000 kWh as measured at the metering point over any period of six consecutive months.
- Any installation used, worked or operated by a private installation licensee with a total electrical energy generation equal to or exceeding 3,000,000 kWh over any period of six consecutive months.

The position of the Electrical Energy Manager will be mandatory when installations are designated under the new regulations.

The following is extracted from the Regulations on qualification requirements of an Electrical Energy Manager.

Regulation 12. (1) A person who applies for registration as an electrical energy manager for the purposes of these Regulations shall satisfy the Commission that –

- (a) he is a Malaysian citizen aged 23 years and above who –
 - (i) holds a certificate of registration as a Professional Engineer under the Registration of Engineers Act 1967 [Act 138] and possesses at least six months working experience in the efficient management of electrical energy at an installation;
 - (ii) holds a degree in Science, Engineering, Architecturor its equivalent and possesses at least one year working experience in the efficient management of electrical energy at an installation; or

(iii) holds a Certificate of Competency issued by the Commission as an Electrical Services Engineer or a Competent Electrical Engineer and possesses at least nine months working experience in the efficient management of electrical energy at an installation; And

(b) he demonstrates knowledge of the requirements of the Act and these Regulations that satisfies the Commission.

The text of the Regulations can be downloaded from Suruhanjaya Tenaga website www.st.gov.my. Soft copies can be obtained from TEEAM Secretariat as well.

Energy Efficiency Master Plan 2008

The Ministry of Energy, Water and Communications is working on the Energy Efficiency Master Plan. Security of energy supply and volatile fossil fuel pricing has impressed the government to further improve on efforts on Energy Efficiency (EE). It is also in view of the future trends into electric driven mode of transportation. The EE Master will exclude the primary energy use for automobiles.

It is also anticipated that better progress can be made with the EE Master Plan. The drawing up of this Master Plan is at the initial

stage and it is expected to be completed by the end of 2009.

The EE Master Plan will determine policy direction, targets and action plan in transport, industrial and power generation sectors.

It is also to provide practical strategies to improve EE by overcoming various barriers that hinder effective implementation of EE in Malaysia.

The Plan will identify potentials for energy efficiency in the three main sectors (commercial, industrial and residential).

The government had over the years established the following initiatives in EE:

- MIEEIP (Malaysian Industrial Energy Efficiency Improvement Project).
- Efficient Management of Electrical Energy Regulations 2008.
- Code of Practice on Energy Efficiency and Use of Renewable Energy for Non-residential Building MS1525.
- Fiscal Incentives.

It is hoped that the EE Master Plan will further develop and improve the pace of development in EE in Malaysia and help to reduce the dependence on fossil fuel.

If you have any suggestions or comments to the development of EE, please feel free to contact TEEAM.

Ir Chew Shee Fuee B.Sc. (Hons) (Strathclyde), PEng, CEng, FIEM, MIEE Member, IEEE Member, 1st Grade Electrical Engineer (Competent up to above 500 kV).

Ir Chew is the President of The Electrical and Electronics Association of Malaysia (TEEAM) for 2001 - 2003 and 2003 - 2005. He is the Past President of the Asean Federation of Electrical Engineering Contractors (AFEEC).

Ir Chew is the Managing Director of G. H. Liew Engineering (1990) Sdn Bhd and QATM Engineering Services Sdn Bhd. He graduated from the University of Strathclyde, Glasgow with a B. Sc (Hons) in Electrical & Electronics Engineering. He is a Professional Engineer and is also licensed by Energy Commission as a competent engineer (without voltage limits) and a service engineer to carry out electrical testing up to a voltage of 500 kV.

Ir Chew has 26 years experience in electrical control and relay protection. He is also specialised in electrical site tests on power equipment, electrical fault investigation, service and maintenance of electrical switchgear and relays. His work also includes electrical supervision of substations and electrical audit. He presents lectures on electrical apparatus and the protection system. He can be reached at E-mail: sfchew@ghliew1990.com



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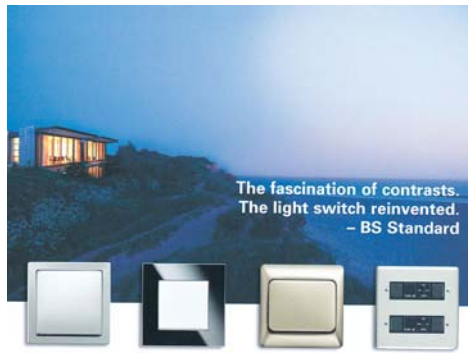
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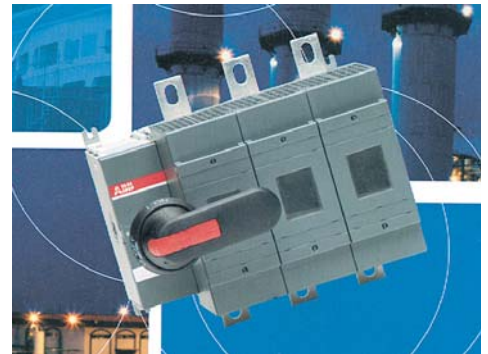
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The following new members have been approved and accepted by the TEEAM Council (as at 17th December 2008). A warm welcome to all the new members and special appreciation is extended to those who introduced these new members. For those who are not yet members.....why wait? Join us and find out how our Association can offer our services to you.

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Bersatu Juta Electric Sdn Bhd No. 30, Ground Floor, Block B, Vista Magna Jalan Prima, Metro Prima, Kepong, 52100 Kuala Lumpur. Tel: 603-6253 3887, 6253 3883 Fax: 603-6258 9887, 6258 9041 E-mail: bjuta@pd.jaring.my Contact Person: Mr Ng Kiam Beng <i>Business: Electrical wholesales.</i>	Gorasia Industries Sdn Bhd No. 11, Jalan TIB 1/1, Taman Industri Bolton, 68100 Batu Caves, Selangor Darul Ehsan. Tel: 603-6186 6787 Fax: 603-6186 6781 E-mail: bharat@gorasia.com.my Website: www.gorasia.com.my Contact Person: Mrs Charu Seth <i>Business: Manufacturing of electrical connectors.</i>
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Soon Fay Sdn Bhd No. 17, Jalan Kalong, Off Jalan Sungai Besi, 55200 Kuala Lumpur. Tel: 603-9221 6011 Fax: 603-9221 0743 Contact Person: Mr Chow Kok Keong <i>Business: Electrical building accessories and appliances.</i>	Nanyang Electrical Works No. 3A, Lot 1752, Block 3, Simanggang Town District, Jalan Hospital, 95000 Sri Aman, Sarawak. Tel: 6083-321 793 Fax: 6083-324 325 Contact Person: Mr Chok Vui Min <i>Business: Electrical contractor.</i>
Chok Vui Min No. 3A, Lot 1752, Block 3, Simanggang Town District, Jalan Hospital, 95000 Sri Aman, Sarawak. Tel: 6083-321 793 Fax: 6083-324 325 Mobile: 013-818 6398 <i>Business: Electrical contractor.</i>	Ir Yong Kee Chong No. 170-2 (2nd Floor), Jalan Toman 8, Kemayan Square, 70200 Seremban, Negeri Sembilan Darul Khusus. Tel: 606-763 1341 Fax: 606-763 6341 E-mail: yfp341@gmail.com <i>Business: M & E consulting engineering.</i>
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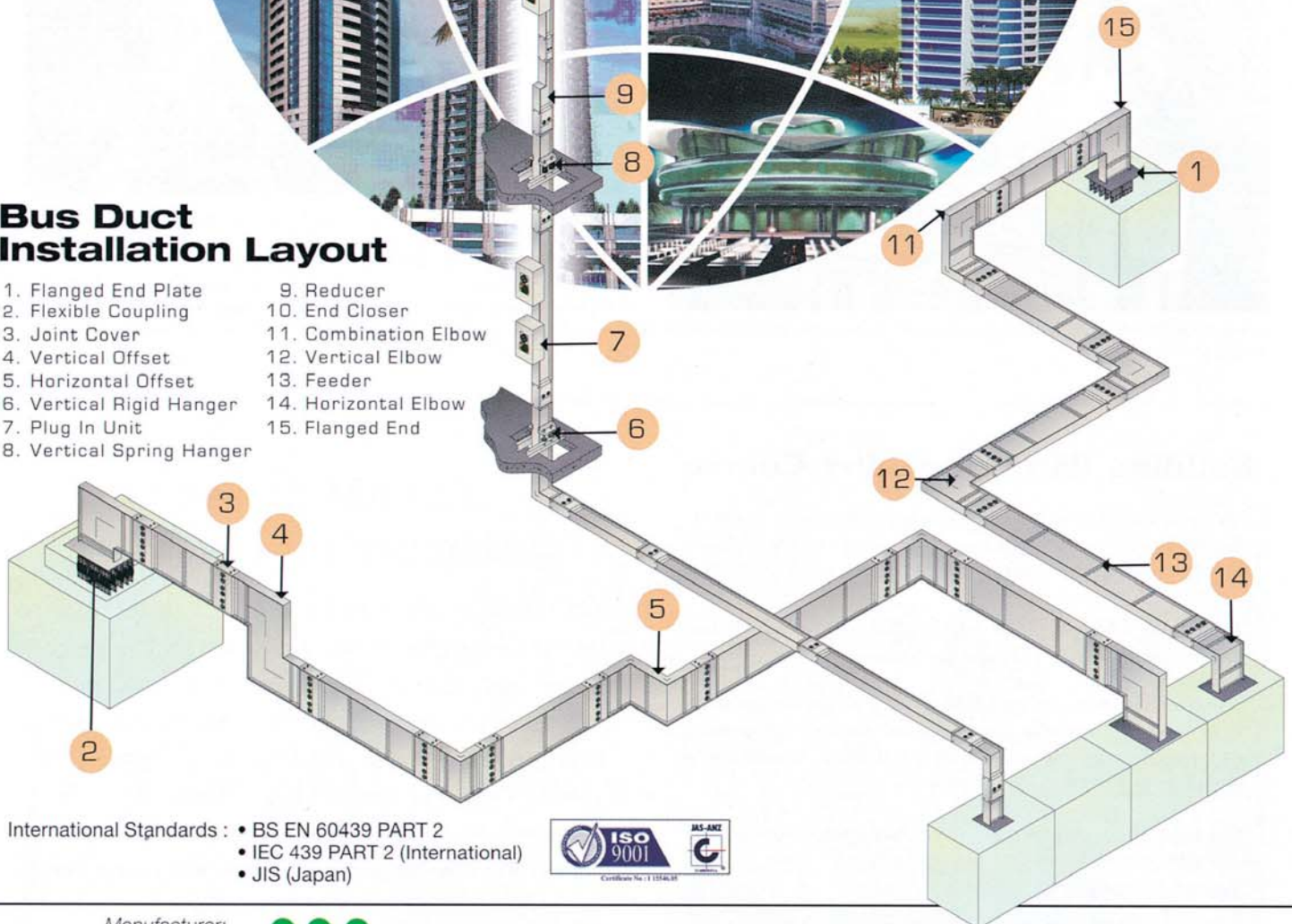
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| 4. Vertical Offset | 12. Vertical Elbow |
| 5. Horizontal Offset | 13. Feeder |
| 6. Vertical Rigid Hanger | 14. Horizontal Elbow |
| 7. Plug In Unit | 15. Flanged End |
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International Standards : • BS EN 60439 PART 2
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Guangzhou International Lighting Exhibition 2009 is in its 14th edition and is established as the world's second biggest lighting show for lighting products and services. Exhibit profile includes accessories and electronic components; decorative lighting; electric lights; LED technology; light control, management & measurement system; professional lights; and technical lighting. During the exhibition, there will be a host of matchmaking and networking events offering visitors the opportunities to interact with key industry players.

TEEAM intends to organise a trade delegation to visit the exhibition. Members who are interested to join the delegation may contact the TEEAM Secretariat for details.

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20th to 24th January 2010
Mumbai, India

The 9th biennial international exhibition of electrical and industrial electronics industry, Elecrama 2010 will be held at the Bombay Exhibition Centre, Mumbai, India. Organised by the Indian Electrical and Electronics Manufacturers' Association (IEEMA), Elecrama 2010 will cover 50,000 m² of exhibits and is expected to draw 50,000 business visitors from 30 countries. There is a number of international seminars and conferences on emerging technologies to be held during the exhibition.

At a glance, the Indian power industry has a present installed generation capacity of 145,000 MW and is poised to increase to 190,000 MW by 2012. Projected investment in the Indian power generation industry is US\$67 billion while power transmission and distribution is projected at US\$60 billion.

TEEAM intends to organise a trade delegation to visit the exhibition. Members who are interested to join the delegation may contact the TEEAM Secretariat for details.

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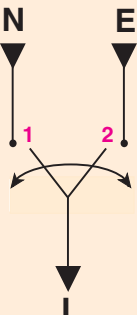
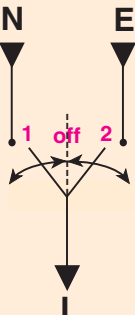
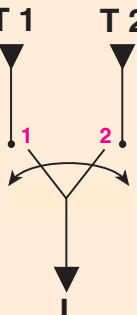
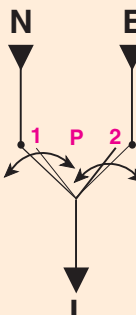
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