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A publication of The Electrical and Electronics Association of Malaysia

68th Issue

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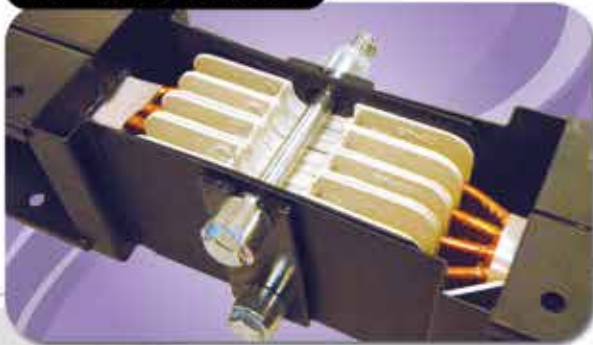
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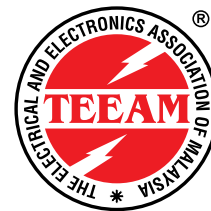
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From The Editor's Desk



The first quarter of the year finally brought some stability to our currency and it is improving steadily until we are hit by another 1MDB default in payment. The GDP forecast is still for 4-4.5% growth rate. The world oil price appreciates somewhat and hovers around USD45 this month.

The foreign worker issue became acute when the government put a stop to the immigration of new foreign workers. We have a large number of illegal foreign workers and it becomes necessary to settle them properly first. However the process of registering them is hampered by strict requirements on their first entry pass. There is now a shortage of foreign workers in the country. Our ringgit depreciation is also deterring potential foreign workers to come.

TEEAM in collaboration with Building Sector Energy Efficiency Project (BSEEP), organised a workshop on Energy Efficiency (EE) for the Building Sector on 25th February 2016 at Pullman Kuala Lumpur Bangsar. BSEEP is a national programme for the building sector funded by GEF-UNDP and managed by the Public Works Department (JKR) in Malaysia.

A talk on Eco-Industrial Design Collaboration (EIDC) opportunities for the electrical and electronics industry was organised for TEEAM Members on 27th April 2016. It was an awareness talk with facility tour at SIRIM Bukit Jalil.

TEEAM AGM will be held on 29th May 2016 in Armada Hotel, Petaling Jaya, Selangor. Members' attendance is strongly requested.

TEEAM 64th Anniversary Dinner will be held at The Majestic Hotel Kuala Lumpur on 27th August 2016. We look forward to the support of all members in term of sponsorship.

AFEEC/FAPECA Conference and Meetings will be hosted by SECA in Singapore with the theme: SMART (Sustainability, Maintainable, Alternative and Renewable Technologies) to be held from 28th - 30th September 2016. We hope to have a big delegation from Malaysia.

Regards,

Ir Chew Shee Fuee KMN
Editor
Suara TEEAM



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Workshop on Building Sector Energy Efficiency

TEEAM, in collaboration with Building Sector Energy Efficiency Project (BSEEP), organised a workshop on Energy Efficiency (EE) for the Building Sector on 25th February 2016 at Pullman Kuala Lumpur Bangsar. BSEEP is a national programme for the building sector funded by GEF-UNDP and managed by the Public Works Department (JKR) in Malaysia.

The workshop was supported by Suruhanjaya Tenaga, Association of Consulting Engineers Malaysia, Green Building Index, The Institution of Engineers Malaysia, Malaysia Green Building Confederation and Federation of Malaysian Manufacturers.

Through this workshop, participants explored the opportunities and business feasibility of energy efficiency. Rising energy cost, legislations relating to climate change and its impact on markets and the need for industry players to respond to such trends were the focus of this workshop.

Some 90 participants consisting contractors, building consultants, facility managers, building owners, building operators, building system vendors, competent personnel

and government regulators attended this informative workshop which was approved with BEM CPD/PDP hours and CIDB CCD points.



Networking – Speakers and participants posing for the album.



Token of appreciation – (right) Ir Chew Shee Fuee KMN (TEEAM President) presenting a souvenir to Datuk Ir Ahmad Fauzi (ST CEO) after delivering a keynote address.



Q & A – Participant Ir Dr KC Ng raising a question during panel discussion.

Speakers



Datin Badriyah Ab Malek of EPU



Mr Kumareshan Mardappan of ST



Ir Looi Hip Peu of BSEEP



Ir Dr K S Kanan of UNIDO



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Courtesy Visit to MGTC

TEEAM paid a courtesy visit to Malaysian Green Technology Corporation (MGTC) on 2nd November 2015. A nine-member delegation met its CEO, Ir Ahmad Hadri Haris, in the company of his officers. The visit aimed to find out the latest updates on green programme and the business opportunities available for members to tap on.

During the visit, Ir Ahmad Hadri Haris encouraged TEEAM members to apply for the MyHijau certification for green products. The MyHijau programme is implemented by KeTTHA and MGTC to support green technology in producing green products and services which are more competitive in the local and global market. MyHijau programme uses the concept of sustainable development. It covers sustainable production and sustainable consumption.

Objectives of MyHijau programme are:

- i. to coordinate and consolidate government initiatives in green products and services development,
- ii. to develop guidelines for the industries for producing green products and services,



At MGTC reception – Group photo for remembrance.

- iii. to build capacity, skill and expert for competitive green production to the industries, and
- iv. to increase awareness and knowledge to the society in conserving environmental through sustainable consumption and sustainable production.

Ir Ahmad Hadri further introduced and promoted the Electric Vehicles (EV) and electrical installation for EV charge station to TEEAM. MGTC welcomes the participation of building owners,

shopping malls, hotels and green offices to allocate special parking lots for the EVs charge.

After the meeting, the Committee had the chance to test drive the electric car, motorcycle and bicycle. The Committee was impressed with the green technology advancement and it was a good initiative by the country. Overall the discussion was fruitful and TEEAM thanked Ir Ahmad Hadri Haris and his officers for the time and opportunity given to share ideas on green concern.



Introduction – (right) Ir Ahmad Hadri Haris (MGTC CEO) explained on the green initiative.



Interesting – Members were attracted to the displays.

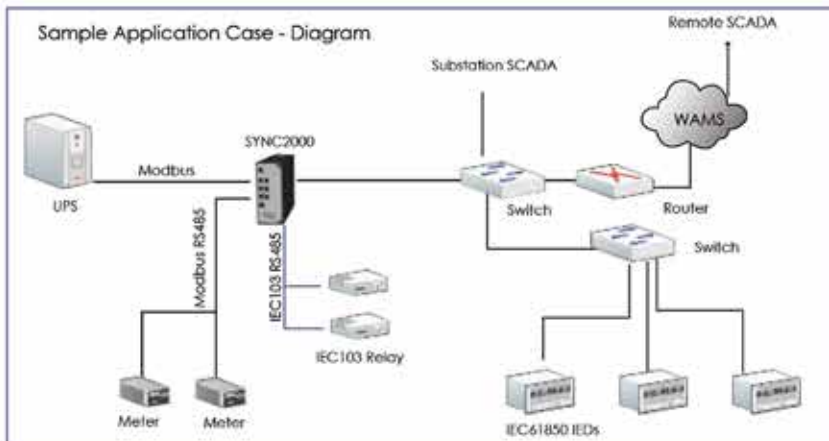
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EW, CFL & FL Recycling Programme

The Malaysia International Commission of Illumination (MyCIE) in collaboration with TEEAM is embarking on an Electronics Waste (EW), Compact Fluorescent Lamp (CFL) & Fluorescent Lamp (FL) Recycling Programme from 15th June 2015 to 15th June 2019 for four years. Following the success of our earlier two phases of CFL & FL recycling efforts, we believe this third phase will achieve greater impact. This third phase involves collection, storage and disposal of Electronics Waste (E-Waste), in addition to the CFL and FL recycling.

Used and discarded electrical and electronic appliances and components including batteries are commonly known as E-Waste. They contain harmful substances such as mercury, lead, cadmium, nickel, lithium, chromium, etc. E-waste if disposed of in landfills, the hazardous metals and materials can contaminate our soil, water and air. Hence, efforts in raising environment awareness and facilitating the collection of these E-waste is crucial.

Participations from the manufacturing industry, suppliers, contractors and academia in the said focused areas of expertise. We hope to achieve a sustainable model of EW, CFL and FL recycling in Malaysia. This recycling programme has received strong support from the following sponsors:

- * Philips Lighting Malaysia – Platinum Sponsor RM 80,000
- * Real Magic Technology Sdn Bhd – Platinum Sponsor RM 80,000
- * Kewpump (M) Sdn Bhd – Silver Sponsor RM 20,000

A sponsorship document exchange ceremony was held on 29th April 2016 at Sunway Resort & Spa. The sponsors share the responsibility with MyCIE/



Cooperation – MyCIE/TEEAM at Philips' Green Roadshow at Sunway Pyramid. (left) Mr Lim Sai Seong (MyCIE Recycling Programme Committee) with Mr Fuji Sartono, Head of Marketing, Philips Lighting Malaysia.

TEEAM to collect back the pollutants and other materials from these recyclable waste. Through our programme, we hope to achieve the following objectives:

- * To reduce the environmental risk from improper disposal of EW, CFL & Fluorescent lamps to landfill/incineration,
- * To educate and encourage the public to practice recycling in their daily life,
- * To enable self-sustainable EW, CFL & FL recycling works by working closely between industries and the government when it comes to waste separation and recycling at the source.

The Programme will assist and advise the small and medium industries to be

involved in the recycling of the EW, CFL and FL. Seed fund is provided to local SME recyclers to use for collection, warehousing and installation of the facilities for scheduled waste, and initiate disposal of waste and transportation cost that is within the programme duration. This fund will be able to cover partially the starting cost for local recyclers who are willing to invest in recycling/disposal facilities.

MyCIE/TEEAM hope to educate the public in workplaces, malls, schools etc. through campaigns and roadshows in a bigger scale to raise awareness and improve their attitude towards proper disposal of EW, used CFL & FL for a better tomorrow.



Ir Chew Shee Fuee KMN – TEEAM President delivering a welcome speech at the Sponsorship Document Exchange Ceremony.



Dr Tan Chin Seong – EW, CFL & FL Recycling Programme Organising Chair highlighting the importance of recycling to save the environment.



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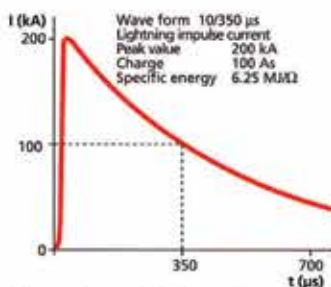
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Sponsorship Document Exchange & Mock Cheque Presentation



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Platinum Sponsor - Real Magic Technology.



Silver Sponsor - Kewpump



Mr Alok Ghose of Philips Lighting Malaysia receiving the sponsorship document.



Ms Tan Ee Lu of Real Magic Technology receiving the sponsorship document.



Ms Yeck Wai Hoong of Kewpump receiving the sponsorship document.



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ELECRAMA India 2016

The 12th edition of ELECRAMA 2016, the largest transmission and distribution exhibition was held from 13th to 17th February 2016 at Bangalore International Exhibition Centre (BIEC) in Bangalore, India. ELECRAMA 2016, organised by the Indian Electrical & Electronics Manufacturers' Association (IEEMA), spanned over 80,000 square meters of gross space in nine halls featuring over 1,000 exhibitors from 35 countries showcasing their products, solutions and technologies.

A 23-member trade mission was organised by TEEAM and they were very impressed by the large exhibition halls and the vast range of exhibits and technologies displayed. TEEAM also had a booth at ELECRAMA to promote the association's activities and also members' products to the Indian market.

The inauguration started with a lamp lighting ceremony by the Minister of State (IC) for Power Coal, New & Renewable Energy, Government of India, Mr Piyush Goyal and Minister of Energy, Government of



Strong contingent – 23-member delegation from TEEAM.

Karnataka, Mr D K Shivakumar along with other dignitaries and IEEMA officials.

TEEAM delegates also participated in a Reverse Buyer-Seller Meet (RBSM) concurrently organised with ELECRAMA 2016 for foreign buyers to source electrical products and solutions from India. The event, third in its series attracted some 450 buyers from ASEAN, Africa, Iran, CIS

(Commonwealth of Independence States) and SAARC (South Asian Association for Regional Cooperation) to take part in the RBSM.

TEEAM delegates had a great and enriching experience during the 5-day power packed exhibition. TEEAM wishes to record its appreciation and thanks to IEEMA for their kindness and warm hospitality.



ELECRAMA Opening – Overwhelming turnout.



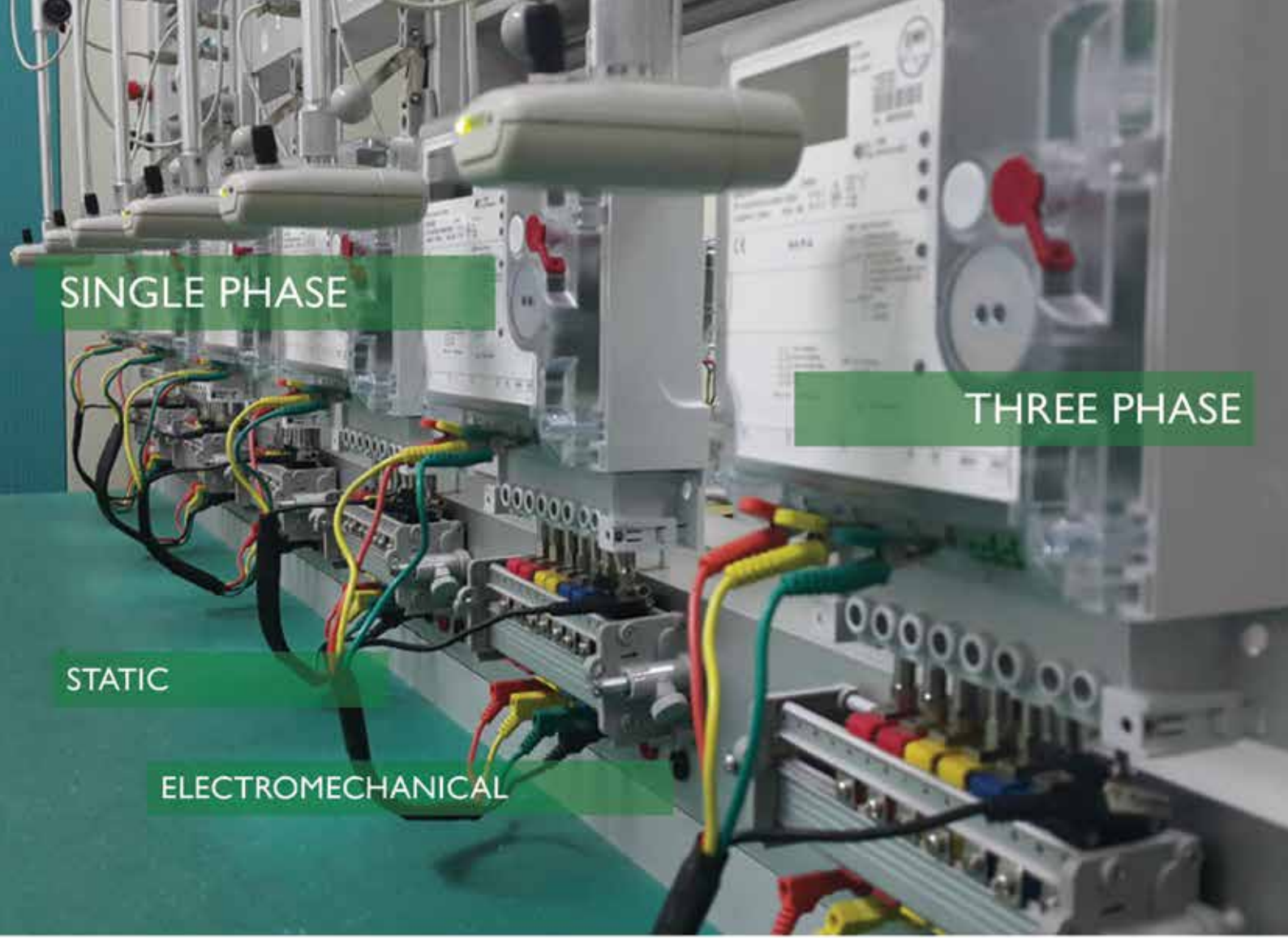
At Renewable Energy pavilion – Delegates visiting Elektrolites.



Thank you – (right) Mr K Subramaniam (TEEAM Vice President) presenting a memento to Mr Aaditya R Dhoot (ELECRAMA 2016 Organising Chairman) as a token of appreciation for hosting our delegation.



All smiles – Delegates posing with ELECRAMA President, Mr Babu Babel (3rd from right).



SINGLE PHASE

THREE PHASE

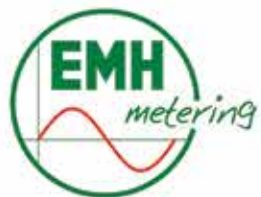
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Networking – TEEAM delegates posing with IEEMA officials.



Taking a break – Delegates at the RBSM biz meeting.



Saturn Pyro – Mr Rajasegaran promoting i3EnMS energy management system.

RBSM Biz Meeting



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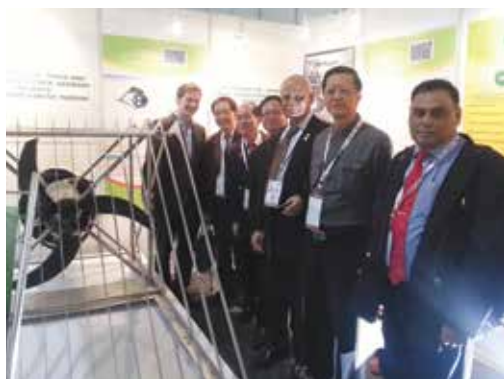
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Mini turbine on display – Delegates visiting one of the exhibition booth.



Delegates at TEEAM booth – (from left) Mr Chong Yoon Koon, Mr Ooi Eng Guan, Mr Francis Chew and Mr Rajasegaran.



LINKK busway system – Mr Rave Yap was present to seek opportunity in the Indian market.

RBSM Biz Meeting



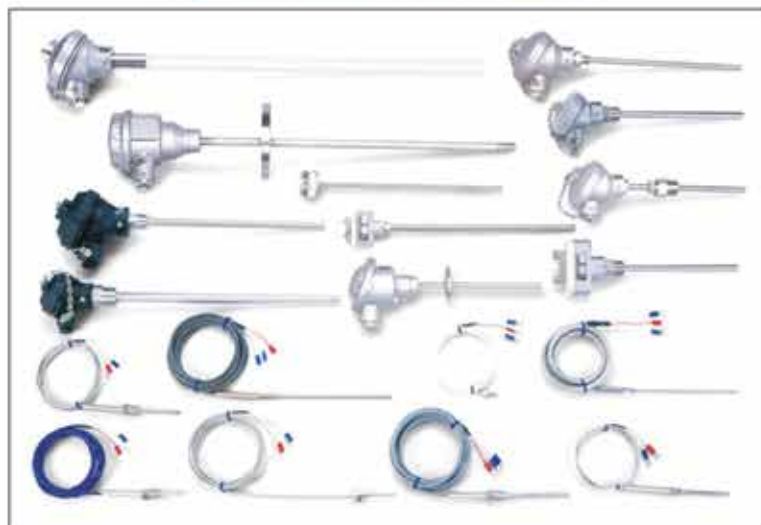
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SIRIM Eco-Innovation Awareness Talk

A talk on Eco-Industrial Design Collaboration (EIDC) opportunities for the electrical and electronics industry was organised for TEEAM members on 27th April 2016. It was an awareness talk with facility tour conducted at SIRIM Bukit Jalil. Members arrived at SIRIM early at 9.00 am and were welcomed by Mr Azhar Ahmad, the General Manager of SIRIM Industrial Research.

The talk was to promote the service offered by EIDC and to highlight the collaboration and funding avenues available to TEEAM members. The members were briefed on the EIDC services, Restriction of Hazardous Substance (RoSH) directive, the forerunner in Eco-Design – Life Cycle Assessment (LCA) and also Technology Audit in SIRIM Industrial Innovation Model. Besides, a session was arranged for TEEAM Honorary Secretary, Dr Tan Ching Seong to give a presentation on “Research & Development (R&D) and Recycling Facilities for Public E-Waste” to introduce and promote TEEAM’s on-going recycling programme.



Attentive – Participants at SIRIM Innovation Hall.

After the lunch break which was sponsored by SIRIM, members were given a guided facility tour by Mr Victor Devadass, Head of Additive Manufacturing Section. Participants had the opportunities to understand the technology-related work in design and modelling applied to the industry.

They were impressed by the display models with the rapid prototyping technology.

The half-day informative session was beneficial to the 23-member delegation. TEEAM wishes to record its appreciation and thanks to SIRIM for their hospitality.



Dr Tan Ching Seong – TEEAM Honorary Secretary raising awareness on recycling issue.



Dr Chen Sau Soon – SIRIM Research Fellow elaborates on the collaboration opportunities.

Participants during the Facility Tour





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CIE 2016 Melbourne

The CIE 2016 Lighting Quality & Energy Efficiency Conference was held successfully at Sofitel Melbourne on Collins from 3rd to 9th March 2016. This is the fourth biennial CIE Lighting Quality and Energy Efficiency Conference with over 190 delegates from all parts of the globe taking part in the conference.

Malaysia CIE (MyCIE) was pleased to be part of the CIE 2016. A 6-member MyCIE delegation consisting of Mr Siew Choon Thye, Engr Narendren Rengasamy, Mr Glenn Tiong, Mr Lim Sai Seong, Dr Tan Ching Seong and Ms Lim Swee Yong participated in the Conference and Technical Committee (TC) meetings. The conference focused not just on quality lighting and energy efficient light sources, but also colour and visual perception; non-visual effects of lighting;



Good turnout - A cross section of the participants.

testing and measurement; and other aspects of lighting technology and best-practice.

The conference was followed by the CIE Divisions and TC Meetings held at Mercure Melbourne Treasury Gardens from 7th to 9th March 2016. In general, there were three invited talks, 53 presentations, four workshops, 22 presented posters and 32 posters that cover topics on Quality Lighting and Energy Efficiency; Interior and Exterior Applications; Light and Vision; Photobiological Effects; and Photometry and Measurements.

The Divisions that carried out annual meetings and TC meetings were as follows: -

- Division 1 : Vision and Colour - TC meetings only
- Division 2 : Physical Measurement of Light and Radiation - Annual meeting and TC meetings
- Division 4 : Lighting and Signalling for Transport - Annual meeting and TC meetings
- Division 5 : Exterior Lighting and Other Applications - Annual meeting only

It was indeed a fruitful and memorable event for all the delegates.



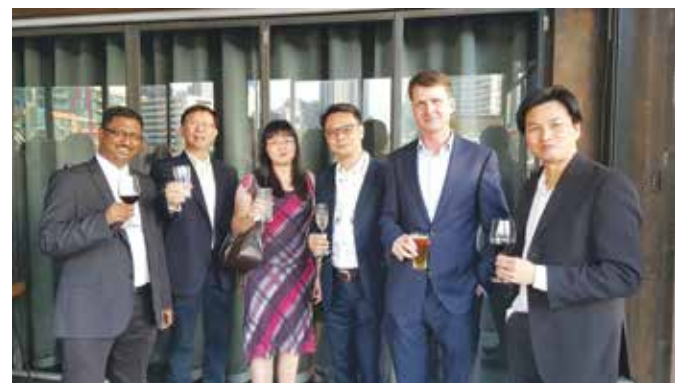
MyCIE delegates - (from left) Mr Siew Choon Thye (Immediate Past Chairman), Mr Lim Sai Seong (Treasurer), Engr Narendren Rengasamy (Chairman), Ms Lim Swee Yong (Division Head), Mr Glenn Tiong (Secretary) and Dr Tan Ching Seong (Vice Chairman)



Interesting topics - CIE Session in progress.



Cheers! - Happy hours after conference.



Networking - Delegates posing for the album.

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Table Tennis Tournament

The TEEAM Table Tennis Tournament 2016 was held on 17th April 2016 at Sports Forum 19, Petaling Jaya, Selangor. Some 26 men's players competed for the singles' championship. A big thank you was recorded to our Sports Committee for making the event a success. The objective of fostering fellowship among the staffs of TEEAM members' companies was no doubt accomplished.



Final game – (3rd from left) Mr Wong Siew Heng of Yuan Ming Electric versus (2nd from left) Mr Tan Kok Heng of Conway Terminals Manufacturer. With them were (far left) Mr Liang Kok Boon (Sports Chairman) and Mr Fong Mun Loon (Sports Committee).



We are ready – A group photo of players for the album.



Bravo! – The jubilant winners with TEEAM officials.



Champion – (left) Mr Wong Siew Heng (Yuan Ming Electric) received a trophy and AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



1st Runner-up – (left) Mr Tan Kok Heng (Conway Terminals Manufacturer) received a trophy and AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



2nd Runner-up – (left) Mr Amirullah Mokhtar (Indkom Engineering) received a trophy and AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



3rd Runner-up – (left) Mr Abdul Manan Tarmizi (Indkom Engineering) received AEON cash voucher from Ir Chew Shee Fuee KMN (TEEAM President).



EITA Resources Berhad – Enthusiastic players.



Indkom Engineering Sdn Bhd – Strong support in participation.

Table Tennis Tournament Results

Champion

Wong Siew Heng
Yuan Ming Electric Sdn Bhd
Trophy & AEON Cash Voucher RM 200

1st Runner-up

Tan Kok Heng
Conway Terminals Manufacturer Sdn Bhd
Trophy & AEON Cash Voucher RM 120

2nd Runner-Up

Amirullah Mokhtar
Indkom Engineering Sdn Bhd
Trophy & AEON Cash Voucher RM 80

3rd Runner-up

Abdul Manan Tarmizi
Indkom Engineering Sdn Bhd
AEON Cash Voucher RM 50



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Legend:
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 4 = Horizontal Tee
 5 = Vertical Tee
 6 = 90° Tee
 7 = 45° Tee
 8 = 180° Tee
 9 = 90° Tee
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Courtesy Visit by PKPPE

On 9th January 2016, Persatuan Kekompетенan Penjaga Jentera & Pendawai Elektrik Perak – PKPPE (The Perak Electrical Chargeman & Wireman Competence Association) paid a courtesy visit to TEEAM. The delegation was led by the then President, Mr Chan Kaim Sam together with some 20 PKPPE fellows and members. The visit to TEEAM was held in conjunction with the TEEAM 2015 Academic Excellence Awards presentation ceremony. On hand to receive the PKPPE delegation were Ir Chew Shee Fuee KMN (President), Mr Suresh Kumar Gorasia (International Affairs Chairman & Past President), Ir Chang Yew Cheong (Vice President) and Council Members; Mr Ho Khai Hong, Mr Ooi Eng Guan, Engr Leong Kam Seng and Ir Kok Yen Kwan.

PKPPE was established in 2001 and the association has some 80 members in the profession of electrical chargemen and wiremen competency. The aims of PKPPE are to perform as a society and industry representative; and to contribute and improve the community especially in the

Perak state, with the motto: “Your Safety, Our Responsibility”. PKPPE joined TEEAM in September 2015.

The courtesy visit aimed to network and create better working relationship, share views on common issues and to discuss

possible cooperation between both organisations. PKPPE took the opportunity to highlight their on-going activities and the current issues faced by members.

It was a meaningful visit to enhance cooperation and mutual understanding.



During discussion – Issues and ideas being shared.



For the album – PKPPE Members in front of TEEAM premises.



Warm welcome – PKPPE delegation visited TEEAM for the first time.



Establishing ties – A group photo for the album.

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Technical Visit to Clipsal Manufacturing/Schneider Electric

A technical visit to Clipsal Manufacturing/Schneider Electric was organised for TEEAM members on 21st December 2015. Some 25 members took part in this interesting visit which was headed by Mr Stan Lim (TEEAM Vice President).

Clipsal Manufacturing/Schneider Electric plant in Shah Alam was established in 1977 and has some 500 employees. The plant is ISO certified and its main products are residential and industrial sockets & switches and fans.

A welcome speech was delivered by Mr David Beresford (General Manager), followed by a corporate presentation by the officials. Thereafter members were taken for a factory tour. During the visit, participants had the opportunities to view and learn about the product manufacturing processes and they were impressed with the



Fruitful visit – It was certainly worth visiting and keeping in good memory.

high quality products and safety standards practised. The plant is also equipped with in-house testing capabilities such as high voltage test, endurance test and temperature rising test.

It was a beneficial and informative visit. TEEAM wishes to record its thanks and appreciation to Clipsal Manufacturing/Schneider Electric for hosting the visit and for their warm hospitality.



Products presentation – Participants were briefed on the company's range of switches.



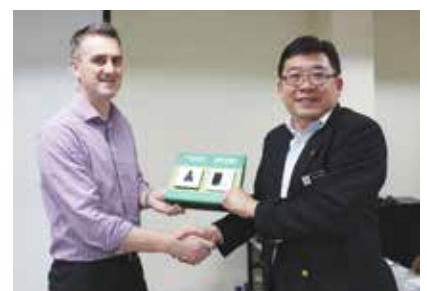
Smile – An interesting presentation for all present.



Yummy food – Participants enjoying lunch sponsored by Schneider.



Introduction – Mr Roy Chan of Schneider giving an overview on his company.



Souvenir presentation – (left) Mr David Beresford (GM of Clipsal Manufacturing) presenting a souvenir to Mr Stan Lim (TEEAM Vice President).



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Workshop on Electrical Installation

TEEAM organised two sessions of electrical installation workshops recently. The first session was held on 14th December 2015 at Armada Hotel Petaling Jaya in Selangor, and the second session on 18th January 2016 at Vistana Hotel in Penang. These workshops were supported by International Copper Association Ltd, Energy Commission and The Institution of Engineers, Malaysia. The Penang Electrical Merchants' Association (PEMA) supported the Penang session.

The speaker for both sessions was Ir Lim Kim Ten. He is the Chairman of TEEAM Education & Training Sub-Committee. The content of the workshops was on electrical installation, cable sizing and protection of

low voltage wiring systems. The modules covered protection for safety, selection & erection of equipment, and inspection & testing. Ir Lim highlighted the importance of LV wiring systems to be in compliance with Electricity Act 1990, Electricity Regulations 1994, IEE Wiring Regulations (Replaced by BS7671:1992) / BS7671 / MS1936 (Non-Residential) and MS1979 (Residential).

The workshops were well attended by TEEAM and PEMA members. Overall the topics had benefited all the participants.



Welcome address – Speech by TEEAM President, Ir Chew Shee Fuee KMN.



Tea break – Participants posing with speaker, Ir Lim Kim Ten (far left) and TEEAM President, Ir Chew Shee Fuee (2nd from left).



For the album – Great support from PEMA in the Penang workshop.



Speaker – Ir Lim Kim Ten sharing his knowledge.



Certificates – Workshop with BEM & CIDB CPD hours & CCD points.



14th December 2015 – Participants at Armada Hotel, Selangor.



18th January 2016 – Participants at Vistana Hotel, Penang.

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State Associations News



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Tel: +604 - 229 0195 Fax: +604 - 228 4233
E-mail: pema_pg@yahoo.com Website: www.pema.org.my

68th Anniversary Celebration Dinner

Penang Electrical Merchants' Association (PEMA) celebrated its 68th anniversary dinner at the Ming Garden Restaurant, Penang on 9th April 2016. The event was graced by the State Assemblyman for Komtar, YB Teh Lai Heng. More than 500 members and guests attended the dinner, including PEMA trustees, association and technical advisors. Some of the highlights of the dinner were lucky draws, karaoke and presentation of new membership certificates to new members. It was a joyous occasion as all members, trustees, advisors and guests mingled and enjoyed the dinner in the spirit of PEMA fellowship.



PEMA 68th Anniversary – Cake cutting ceremony during the dinner.

Chinese New Year Open House 2016

PEMA Chinese New Year Open House 2016 was held at its own premises on 14th February 2016. About 100 members, trustees and advisors of PEMA and their families and employees joined in the happy occasion. There were lion dance performances and a sumptuous buffet lunch was served. Angpows were distributed to children of the members and their families and employees by PEMA President, trustees and advisors. It was a joyous occasion for all.



Group photo – CNY Open House at PEMA premises.



Happy moment – Upholding the tradition of “Yee Sang” tossing by the Council.

CNY Charity Programme @ Penang Home

In conjunction with the Chinese New Year celebration, a charity event of angpow-giving was held at the Penang Home for the Infirm and Aged on 21st February 2016. PEMA Council Members donated a total of RM10,000 towards the event. The event was attended by the then President, Mr Cheah See Yeong and Council Members Dato' Hong Yeam Wah, Dato' Ooi Kok Kee, Mr Yeap Kim Poh and Mr Khaw Tatt Siew as well as the Secretariat. They were there to give joy to the old folks and workers who were not only happy to receive the angpows but were joyful that they had someone to care for them. During the event PEMA donated RM5,000 to the home and 280 angpows totaling RM1,680 were presented to the old folks and charity workers of the home.



At the home – PEMA officials presenting the donation to the Penang Home.

PEMA 68th AGM & Election Of Office Bearers

PEMA 68th Annual General Meeting (AGM) & Election of Office Bearers/Management Council were held at the Association premise on 20th March 2016. The AGM which was chaired by the outgoing President, Mr Cheah See Yeong recorded an attendance of 32 members. The meeting unanimously confirmed and adopted the minutes of the previous AGM held on 29th March 2015. This was followed by the annual report for the year 2015 which was tabled by Honorary Secretary, Mr Khaw Tatt Siew. The Honorary Treasurer, Mr Tang Keem Hoong tabled the audited accounts for the year ended 31st December 2015. Following is the newly formed PEMA Office Bearers for 2016-2017:



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3M 415V LOW VOLTAGE JOINT

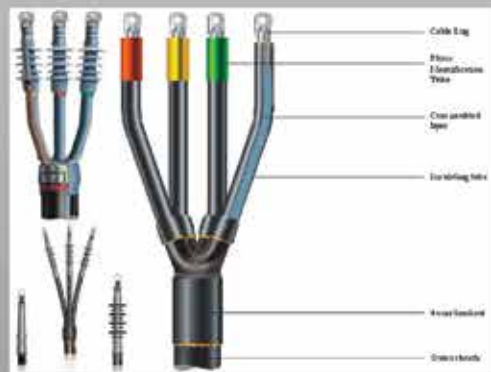


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