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65th issue

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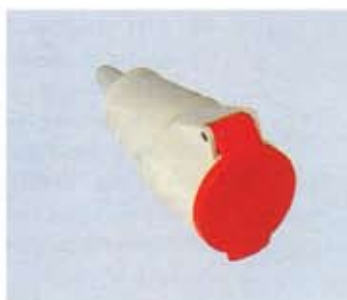
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From The Editor's Desk



Let me take this opportunity to express our sympathy to the family members of all the passengers and crew of the ill-fated MH17.

Malaysia Gross Domestic Product (GDP) grew 6.4 percent from April to June of 2014, higher than the 6.2 percent increase in the first three months of 2014, underpinned by higher exports and continued strength in private domestic demand.

The government Goods & Services Tax (GST) implementation is now scheduled for May 2015. We urge all members to register for GST as soon as possible. The official deadline is end of the year. TEEAM will like to propose a new payment scheme to minimise the impact caused by GST. We will also take the opportunity to reduce the credit period to 60 days in order to improve the financial position of everyone in the industry.

When you read this issue of SUARA it will be TEEAM's 62nd Anniversary Dinner which is held at The Majestic Hotel Kuala Lumpur on 27th September 2014.

We thank you all for the support in terms of sponsorship and fund raising.

TEEAM has kicked off a national campaign on SELF TEST of RCCBs (Residual Current Circuit Breakers) with roadshows. This is in response to the tragic water heater accident last year. RCCBs are seldom tested by the public and we hope to achieve a target of SELF TEST of RCCBs in a Million homes by May 2015. We request your assistance in making our campaign a success. Please like us on our facebook/testrcb. We have also a dedicated website www.testrcb.my to disseminate awareness information.

We hope you can visit TEEAM's website www.teeam.org.my frequently to get updates on activities and other relevant information that is useful to you.

Regards,

Ir Chew Shee Fuee KMN
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AGM 2014

TEEAM held its 2014 Annual General Meeting (AGM) on 25th May 2014 at TEEAM Conference Room. Some 60 members were present. In his opening address, TEEAM President, Ir Chew Shee Fuee KMN expressed his gratitude to the members and the Council for making time to attend the AGM. Ir Chew called for support and active participation in TEEAM's ongoing activities. He briefed members on the association's past one year activities and the forthcoming ones.

TEEAM will be carrying out a second phase of recycling programme for Compact Fluorescent Lamp (CFL) and this round Fluorescent Lamp (FL) as well. This green awareness project comes under the global environment facility small grant programme.

A national safety campaign on self-test RCCB at home will be carried out from June 2014 to May 2015. TEEAM aims to get one million households to test their RCCBs. Roadshows will be held in shopping malls to reach out to the public.

TEEAM will be celebrating its 62nd anniversary on 27th September 2014 at The Majestic Hotel Kuala Lumpur and Ir Chew called on members to support in term of sponsorship.

Later, the minutes of the previous AGM, the annual report on the activities of TEEAM for the year 2013 and the audited accounts for the year ended 31st December 2013 were tabled and duly adopted by the General Meeting. The AGM ended with a buffet networking luncheon.



TEEAM Exco – (from left) Mr Wong Chin Cheong (Honorary Treasurer), Ms Theresa Lam (Honorary Secretary), Ir Yong Ah Huat (Deputy President), Ir Chew Shee Fuee KMN (President) and Vice Presidents: Dato' Ir Steven K H Ng, Mr David A N Chong & Mr K Subramaniam.



With the Press – Some pressing issues were highlighted to the Press Members.



Networking – Members enjoying the buffet luncheon after AGM.



Good attendance – Members at the AGM.



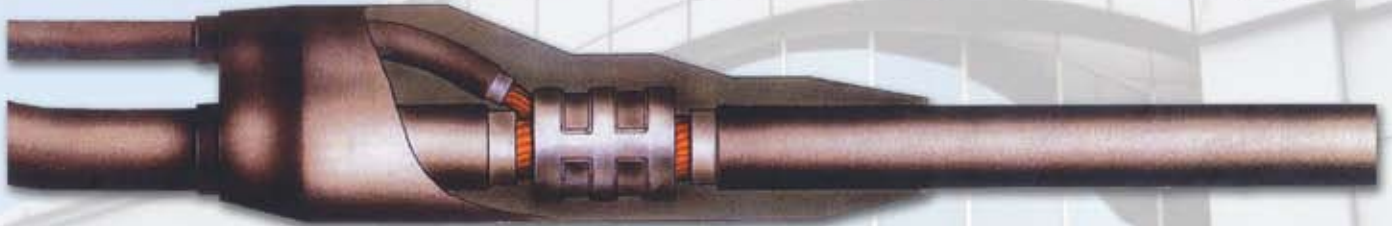
Smile – Members posing before AGM.



Registration – 60 members attended the meeting.



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AFEEC / FAPECA Conference & Meeting in Taiwan

The conference and meeting of the Asean Federation of Electrical Engineering Contractors (AFEEC) and the Federation of Asian Pacific Electrical Contractors Associations (FAPECA) for 2014 were held from 26th to 28th May 2014 at Howard Plaza Hotel Taipei, hosted by Taiwan Electrical Contractors Association (TECA).

The conference and meeting drew participation from various national associations including Association of Indonesia Electrical and Mechanical Contractors (AKLI), Korea Electrical Contractors Association (KECA), National Electrical and Communications Association, Australia (NECA Australia), Singapore Electrical Contractors and Licensed Electrical Workers Association (SECA), Society of Philippine Electrical Contractors & Suppliers (SPECS),

Taiwan Electrical Contractors Association (TECA), Thai Electrical & Mechanical Contractors Association (TEMCA), Hong Kong Electrical Contractors Association (HKECA) and TEEAM.

The theme of the conference was on "Safety" where member countries presented papers on electrical safety, construction safety, power quality, industrial accidents and personnel safety. TEEAM's paper on "RCCBs and Electrical Safety" was presented by Mr Dahari Mat Siran, Chairman of Electrical Safety & Quality of TEEAM.

After the conference, the 52nd AFEEC Council Meeting and 28th FAPECA Executive Board Meeting were convened

smoothly in the afternoon. There were keen interactions on current issues, global trends, technology revolution and current engineering practices. It was also a good platform for business networking and oozing friendship. The meeting witnessed the turnover of the AFEEC Presidency from SECA Singapore to AKLI Indonesia. Dr Pudji Nugroho took on the AFEEC leadership while the FAPECA Presidency is held by Dr Chang Chul-Ho of KECA Korea.

TEEAM delegates wish to record their heartfelt appreciation to TECA for making all the delegates' stay a memorable one. TEMCA Thailand will host the 2015 conference and meeting in Pattaya.



RCCBs and Electrical Safety – TEEAM Paper by Mr Dahari Mat Siran (Chairman of Electrical Safety & Quality).



For the album – AFEEC delegates



Q & A session – Conference speakers.



Gift exchange – Head of delegation received souvenir from host TECA.



All smiles! – FAPECA delegates



Attentive – AFEEC Council Meeting in progress.

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..... Continue AFEEC/FAPECA Conference & Meeting in Taiwan



TEEAM delegation – (from left) Mr Dahari Mat Siran (Chairman of Electrical Safety & Quality), Vice Presidents: Mr K Subramaniam & Mr David Chong, Ir Chew Shee Fuee KMN (President), Dato' Ir Steven Ng (Vice President) and Ms Winnie Khong (Executive Secretary).



Handing over AFEEC Presidency – (right) Mr John Tan (outgoing AFEEC President) hand over the AFEEC Presidency to Dr Pudji Nugroho (AKLI President). Other head of delegation looks on. They are (from left) Mr Bernard Morillo (SPECS President), Mr Anant Kittivittayakul (TEMCA President), Ir Chew Shee Fuee KMN (TEEAM President) and Mr Steven Wang (SECA President).



Sharing light moment – (from left) Ir Chew Shee Fuee KMN (TEEAM President), Mr Howard Lok (HKECA President), Mr Ronnie Chan (HKECA Vice Chairman), Mr Lau Chun Kay (FAPECA Secretary General) and Mr William Chan JP (FAPECA Immediate Past President).



Welcome dinner – A nite to foster fellowship.



Farewell dinner – Delegates enjoying the good food, drink and good company.



Karaoke session – TEEAM delegates belting an oldie.

Sight-seeing



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Lunch at Jiu Fen Village.



Magnificent Taipei 101.



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CIE 2014 Conference

CIE 2014 International Conference on Lighting Quality & Energy Efficiency was successfully held from 23rd to 26th April 2014 at Hotel Istana, Kuala Lumpur. It was jointly organised by CIE and Malaysia CIE (MyCIE) and hosted by Standards Malaysia under the Ministry of Science, Technology and Innovation (MOSTI). Local Organising Committee Chairman, Mr Narendren Rengasamy delivered the welcome address, which was followed by the opening address by CIE President, Prof Ann Webb. YB Datuk Dr Abu Bakar Mohamad Diah, Deputy Minister of MOSTI who represented the Minister of Science, Technology & Innovation, YB Datuk Dr Ewon Ebin, officiated the conference by hitting the gong. The conference opened with the first keynote address entitled "Promoting Efficient Use of Electrical Energy - Malaysia's Experience", presented by YBhg Datuk Ir Ahmad Fauzi Hasan, Chairman of Malaysia Electrotechnical National Committee.



Opening Ceremony – YB Datuk Dr. Abu Bakar Mohamad Diah, Deputy Minister of MOSTI officiating the conference by hitting the gong.

Several top lighting experts were invited to speak at the conference including Mr George C Brainard, Mr Tran Quoc Khanh, Mr Thorsten Vehoff, Mr Martine Knoop, Mr Janos Schanda and Mr David H. Sliney. CIE 2014 recorded the highest volumes of abstract submission compared to previous conferences. A total of six keynote speeches, 66 oral presentations and 87 poster papers from all over the world presented the latest research results and survey lectures on various subjects related to light and lighting. The focus of the conference included the followings:

- Daylight, Lighting Systems and Energy Saving
- Light and the Visual Perception of Quality
- Photobiological Effects
- Characterising lighting systems

The 3-day event provided a conducive learning and sharing platform for lighting experts. It also offered an invaluable opportunity for intensified exchange and technical interaction among the lighting experts on the development of lighting in Malaysia and ASEAN as well as to discover the latest developments of energy efficient lighting technologies and standards. This conference also provided a unique opportunity for the worldwide community of engineers, scientists and designers from the lighting industry, research organisations and academia to meet, present and discuss their works on light sources and lighting.

Like the previous editions, the conference served as a vital forum for all the experts and interested people involved in new challenges and recent breakthroughs in

this field. The presentation of the topics, the discussion and exchange of ideas in this conference would act as catalysts and trigger the generation of new and innovative solutions for on-going problems. The event highlighted new directions in lighting for commercial and public applications, both locally and globally, and seeks to elevate public awareness on the importance of lighting quality.

Six workshops were organised in conjunction with the conference to provide a forum for information exchange and updates on this rapidly evolving technology. Each workshop recorded an overwhelming number of participants with an average of over 40 participants per session. The workshops covered different research topics namely on Measurement of OLEDs; Optical Radiation can be Good for People; Standardisation and



Panel of speakers during conference – Lighting experts on the stage.



Overwhelming – Participants from 40 countries gathered in Malaysia.



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..... Continue CIE 2014 Conference

Art of Imperfection; Glare of LED Lighting Products; Colour Quality of Museum Lighting & Optical Radiation can be Bad for People.

On 23rd April 2014, a welcome reception was held for all the delegates. The cocktail function provided a relaxed atmosphere for delegates to mingle and socialise while enjoying the refreshing beverage and light snacks. This reception offered a vital networking opportunity for the delegates to meet new contacts and catch up with old ones.

A gala dinner was held on 25th April 2014 for all the delegates and accompanying persons. A special photography session with unlimited shots, and Henna Art & Batik Painting was hosted by MyCIE at the foyer. While dinner was being served, the delegates were entertained with cultural dances and gamelan music. The highlight of the night to commemorate this unique and historic event was the launch of the new official CIE logo presented by CIE President, Prof Ann Webb.

The conference was well attended by some 323 participants, of whom more than 80% were foreign delegates. The CIE 2014

attendees included representatives from 40 countries including Malaysia, China, Japan, Germany, Chinese Taipei, Belgium, Egypt, Thailand, Hong Kong, Austria, Australia, USA, UK, Finland, France, India, Italy, South Korea, Singapore, Spain, Netherlands, Hungary, Sweden and others.

Apart from the conference, CIE Divisional 2, 4, 5 & 6 Meetings as well as Technical Meetings (i.e. TC 1, TC 2, TC 4 & JTC 5) were also held concurrently from 28th to 30th April 2014. To encourage the local industry to participate more actively in the CIE activities, Malaysia had offered to host the CIE Division 2, 4, 5 & 6 meeting and Technical Meetings in Malaysia. The CIE Divisional meeting is developed to provide an international platform for information exchange and development of recommended practices related to the lighting industry. The Technical Committees (TCs) are established in each Division to work on a specific subject. Each TC consists of a small group of experts and is chaired by a TC Chairperson. During the Divisional meeting, members are being updated on the activities carried out and the progress of the relevant TCs. The said meetings drew 120 participants from 27 countries. A cocktail

party was held on the last day to appreciate all the Divisional and TC members for their participation and great support to the success of the Conference and Divisional and Technical meetings.

MyCIE has received many congratulatory greetings on the success of the conference, both locally and internationally. Malaysia was proud to be the first country in Southeast Asia to host this prestigious CIE event in this region. Due to the success of the conference, MyCIE plans to organise the CIE Full Term Session in 2019, and to provide an even more amazing experience to lighting professionals. Hence, MyCIE will continue to participate in international lighting forums, develop relevant standards and take part in liaison & technical interaction with other international organisations so as to improve the Malaysian lighting industry in line with international best practices and standards.

MyCIE is proud to announce that the 3-day conference was a resounding success despite some shortfalls. A huge thanks to all who had contributed to the success of CIE 2014, including: CIE, Standards Malaysia, TEEAM, presenters, session chairs, delegates, sponsors, exhibitors, PCO and the conference organising committee.



Attentive – TC Meeting in progress.



Cheers! – (from left) Mr CT Siew (MyCIE Chairman), Ms Martina Paul (CIE Secretary General) and Mr Tony Bergen (Vice President of CIE Australia).



Networking – Delegates at welcome reception.



Yummy! – Delegates enjoying a tasty treat!

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..... Continue CIE 2014 Conference



CIE Organising Committee – Thumbs up for a job well done!



So excited! – CIE Organising Committee, TEEAM officials and guests having fun posing with props.



For the album – Delegates posing after a splendid dinner.



Gold sponsor – Thank you QAV for the great support to CIE 2014 conference.



Appreciation – (left) Dr Yoshi Ohno congratulating Mr C T Siew (MyCIE Chairman) & other Organising Committee for the great effort.



Good response – A group photo after the workshop



At Standard Malaysia Booth – (from left) Mr C T Siew (MyCIE Chairman), Mr Ahmad Razif Abd Rahim (Principal Assistant Director of SM), Tan Sri Datuk Mustafa Mansur (MSAC Chairman), YB Datuk Dr Abu Bakar Mohamad Diah (Deputy Minister of MOSTI), Prof Ann Webb (CIE President), Ms Fadilah Bahrin (Director General of SM), Datuk Ir Ahmad Fauzi Hasan (ST CEO) and Mr Narendren Rengasamy (Organising Chairman).



Thumbs up – (3rd from right) YB Datuk Dr Abu Bakar Mohamad Diah, (Deputy Minister of Science, Technology & Innovation) posing with MyCIE officials and conference delegates.



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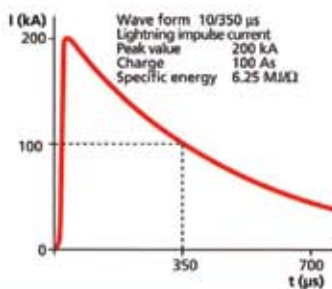
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IEC President Meeting Industry Leaders

In early May this year, IEC President, Dr Junji Nomura was in Malaysia to attend the Pacific Area Standards Congress (PASC) meeting. TEEAM together with Standards Malaysia arranged a session for him to meet the industry leaders and members of the Malaysian National Committees, namely IEC National Committee, IEC EECB National Committee and IECEX National Committee. The aim was to share the IEC activities and find out how they can best benefit the industry. Dr Nomura also listened to the issues raised by the stakeholders. The meeting session was held on 9th May 2014 at Atmosphere 360° Revolving Restaurant at Kuala Lumpur Tower.

The session started with a welcome address by Ir Yong Ah Huat, TEEAM Deputy President. This was followed by a presentation on “Electrotechnical Infrastructure in Malaysia” by YBhg Datuk Ir Ahmad Fauzi Hasan, Chairman of Malaysia Electrotechnical National Committee (MyENC). Later, Dr Junji Nomura spoke on “IEC: Making Electrotechnology Work for You”.

Some 60 attendees took part in the fruitful and interactive session.



Interaction – Ir Abdul Rahim Ibrahim (ST Director of Electrical Safety) shared his view during the meeting.



Participants – Industrial players received first hand update and get to know IEC future direction from IEC President, Dr Junji Nomura.



Networking lunch – VIPs were treated to buffet lunch at KL Tower Atmosphere 360° Revolving Restaurant.



Souvenir presentation – (right) Dr Junji Nomura received a souvenir from Datuk Ir Ahmad Fauzi Hasan (MyENC Chairman).



For the album – (from left) Mr V T Doshi (MEADA), Ir Rocky H T Wong (TEEAM), Ir Abdul Rahim Ibrahim (ST) and Mr Dennis Chew (IEC APRC).



Sharing views – (from left) Tan Sri Datuk Dr Ahmad Tajuddin Ali (CIDB Chairman), Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President), Ir Yong Ah Huat (TEEAM Deputy President), Mr Dennis Chew (IEC APRC Regional Director) and Dr Junji Nomura (IEC President).



Observation deck – (right) Dr Junji Nomura (IEC President) enjoyed the KL City view, accompanied by (centre) Tan Sri Datuk Dr Ahmad Tajuddin Ali (CIDB Chairman) and Datuk Ir Ahmad Fauzi Hasan (MyENC Chairman).



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Self-Test RCCB National Campaign

TEEAM has initiated a national campaign on self-test Residual Current Circuit Breaker (RCCB) at home. Electrical appliances have the inherent risk of electricity leakage either due to wear & tear, malfunction, and/or improper installation.

RCCB is the safety device that prevents electrocution by cutting off electricity supply immediately upon detecting any leakage in an electrical circuit. Faulty or defective RCCB in the distribution board has been identified as among the causes of electrocution involving water heaters at homes in the country. A survey conducted by Energy Commission of Malaysia (ST) in 2013 showed that a majority 64% of the respondents were unsure of how to test the RCCB.

Themed 'Be Safe, Self-Test Your RCCB Today!', TEEAM's safety campaign aims to raise awareness among the public on the need for regular self-testing of RCCBs. The official launch was held on 10th June 2014 by YBhg Datuk Ir Ahmad Fauzi Hasan, Chief Executive Officer of Energy Commission. The target of this safety campaign is to have one million homes in Malaysia self-tested their RCCB by May 2015.

TEEAM is conducting roadshows at shopping malls and exhibitions to educate the public on how to test their home RCCB through demonstration units. Roadshows were conducted in Tropicana City Mall on 19th & 20th July 2014, Viva Home Mall on 17th August 2014 and 1 U Shopping Centre on 6th & 7th September 2014.

Upcoming roadshow is in Penang Gurney Paragon Mall on 18th & 19th October 2014. There are more roadshows to come.

TEEAM has also engaged the support of Radio Station 988 to make public service announcements. A dedicated website www.testrcb.my and facebook/testrcb is created to disseminate awareness information and to engage with the public.

TEEAM wishes to put on record our thanks and appreciation to our generous sponsors,



Official launch – (from left) Ir Chew Shee Fuee KMN (TEEAM President), YBhg Datuk Ir Ahmad Fauzi Hasan (CEO of Energy Commission) and Mr Dahari Mat Siran (TEEAM Electrical Safety & Quality Chairman).

namely ABB, Alpha Automation (Sel), Hager, Maxguard, Megapower, Terasaki and Utama Switchgear. The campaign also has the support from the Energy Commission, Tenaga Nasional Berhad, Malaysian Association of Standards Users, 988 Radio Station and 180 Degrees Brandcom. A big thank you for your great support!

For more information about our self-test RCCB safety campaign, please visit www.testrcb.my and like us on facebook/testrcb.



Support from Standards Malaysia (SM) – Ms Fadilah Bahrin (Director General of SM) testing the RCCB demo unit. With her is Ir Chew Shee Fuee KMN (TEEAM President).



C21TV media – A demonstration on Self-Test RCCB by Electrical & Safety Chairman, Mr Dahari Mat Siran.



Supporting media – Representatives from 988 Radio Station were present during the Self-Test RCCB Campaign launch.



Supporting organisations – Energy Commission, TNB and Malaysian Standards Users Association show strong support in the RCCB Self-Testing National Campaign.



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..... Continue Self-Test RCCB National Campaign



VIP Visitor – YB Datuk Dr Abu Bakar Mohamad Diah (Deputy Minister of Science, Technology & Innovation) at TEEAM'Self-Test RCCB roadshow.



Well done TEEAM! – “Be Safe, Self-Test Your RCCB Today!”



Interviewed by Nanyang Press – (right) Ir Chew Shee Fuee KMN (TEEAM President) and (centre) Mr Tee Tone Vei (Water Heater Expert) talk on electrical safety awareness.



Interviewed by The Edge – (right) Ir Chew Shee Fuee KMN (TEEAM President) and (centre)Mr Tee Tone Vei (Water Heater Expert) provided some safety guidelines to improve protection during an interview on water heater.

Raod show in Tropicana City Mall



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Road show in Viva Home Mall



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Group Managing Director of EITA Resources Berhad

for being selected as one of the Top Nominees in the Master Entrepreneur Category for

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on

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A big round of applause also to

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The Electrical and Electronics Association of Malaysia

ASEAN M&E Exhibition

The ASEAN M&E Expo 2014 is an international exhibition of ASEAN. The exhibition was held from 10th to 12th June 2014 at Kuala Lumpur Convention Centre. It provided a good platform and opportunities for exhibitors and visitors to meet with top decision makers across major industries ie air-conditioning, refrigeration, elevators and escalators, renewable energy, electrical, power generation and distribution.

TEEAM is one of the supporting organisations of the expo and also participated as an exhibitor. Featuring over 350 exhibitors representing 25 countries including Thailand, Taiwan, Singapore, Germany, China and South Korea, the show was a good venue for key industry players and professionals to expand their network and conduct private business meetings.

In conjunction with the ASEAN M&E Expo, TEEAM organised a Council Meeting on 10th June 2014. After the meeting, TEEAM launched a National Campaign on Self-Test RCCB by YBhg Datuk Ir Ahmad Fauzi Hasan, Chief Executive Officer of Energy Commission.

On behalf of the Council, TEEAM wishes to extend its gratitude to UBM Malaysia for hosting the meeting venue.



Meeting in progress – TEEAM Council Meeting at KL Convention Centre.



At TEEAM booth – (left) Mr Andrew Lu (Powerpoint Electrical) and Mr Sentil Kumaran (Datmel Technology).

Snapshots of TEEAM members at ASEAN M&E Exhibition





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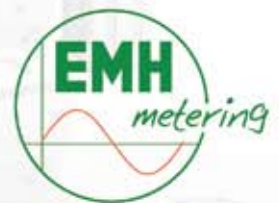
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Snapshots of TEEAM members at ASEAN M&E Exhibition



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Seminar on Importance of Identification & Marking

TEEAM together with Brother International (M) Sdn Bhd jointly organised a seminar on the “Importance of Identification & Marking” on 10th April 2014 at TEEAM Conference Room.

The seminar aimed to generate awareness among professional practitioners in the electrical and electronics industries about the importance of marking cables, wires, panels and other essentials in their daily works. The participants had the opportunity to learn through hands-on experience on marking during the practical session. The interactive seminar attracted some 35 participants.



Listening attentively – Good response from TEEAM members.



Speaker – Mr. Jumpei Hane from Brother International Singapore.



Networking – (from left) Mr Y K Chong (TEEAM Council Member), Mr Philip Fong (Pro Ten) and Ir Ng Kam Weng (Individual Member).



Practical session – Participants were engrossed with Brother's range of products.



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Golf Tournament

The TEEAM Annual Golf Tournament was successfully held on 12th August 2014 at Kelab Golf Sultan Abdul Aziz Shah, Shah Alam (KGSAAS). There were a total of 122 golfers in this year's tournament which tee-off in the afternoon. The fine weather had ensured a smooth game.

A big thank you was recorded to our generous sponsors particularly NZ Wheels for making the event a success. The list of winners and sponsors appears on page 37 and 39 respectively.



Great Sponsor – All golfers were collecting T-shirt at NZ Wheels booth.



Cheers – TEEAM Officials & golfers posing with EITA bon-bon girls.



Hole-in-one – Golfers were trying to create a miracle. Prize was Proton Saga 1.3.



Take a break – Golfers enjoyed drinks and snacks sponsored by EITA Electric.



Mercedes-Benz C200 – Hole-in-one sponsored by NZ Wheels.



Registration – Great support from AFEEC members, TEEAM members and guests.



At the green – (from left) Mr Fong Mun Loon (TEEAM Sports Committee Member) posing with his flight members: Ir Dr Abdul Rahman Mohamed Tasir, Ms Nicharee Sapma and Mr Vajira Sirithienthong.



For the album – (2nd from left) Engr Leong Kam Seng (TEEAM Council Member) posing with his flight members (from left) Mr Yap Chee Kah, Mr Rudy Chong Kiun Yow and Mr Goh Chuen Huat.



Enthusiastic golfers – A group photo taken before the game start.



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..... Continue Golf Tournament



Overall Gross Champion – (right) Engr Fu Wing Hoong (TEEAM Immediate Past President) presented Challenge Trophy, Replica and Sharp 50" LED TV to Mr Christopher Sin (Isweltech).



Overall Nett Champion – (left) Engr Fu Wing Hoong (TEEAM Immediate Past President) presented Nett Challenge Trophy, Replica and Sharp 50" LED TV to Mr Chong Liang Shyong (CK Well Electrical Supplies).



The lucky one! – (right) Mr G H Liew (TEEAM Past President) presented the best prize of lucky draw "Sharp 32" LED TV" to the lucky winner, Mr Casey Gan (Comfort Air Technical Services).



Special lucky draw – (right) Mr David Tan (Corporate Sales Manager from NZ Wheels) presented the prize of lucky draw "Mercedes-Benz Merchandise History Pin Set" to the lucky winner, Mr Ng Yong Huat (Compact Electrical).



Congratulation – (left) Mr David Chong (TEEAM Vice President) presented a "Sharp Microwave Oven with Grill" to Nett 10th Prize winner, Mr Albert Koh (Penta Engineering Services).



Excellence – (left) Mr Liang Kok Boon (TEEAM Sports Chairman) presented a "KDK Stand Fan" to NTP (Alam Shah 8) winner, Mr Edmund Ng (Hager Engineering guest).



Attractive prizes – A big thank you to our generous sponsors.



Awesome – TEEAM officials posing with the winners.

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Gross Champion:
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2nd Prize:
Hamdan Zambahari
Trophy + Samsung Galaxy S5

3rd Prize:
William Lim Kah Hong
Trophy + Samsung Note 8.0

4th Prize:
Seow Nam Seng
Samsung Tab III 7.0

5th Prize:
Philip Tang
Samsung Galaxy Tab III Lite

NETT

Nett Champion:
Chong Liang Shyong
Trophy + Replica + Sharp 50" LED TV

2nd Prize:
Chong Kiun Yong
Trophy + Samsung Galaxy S4

3rd Prize:
Ng Yong Huat
Trophy + Samsung Note 8.0

4th Prize:
Vincent Lee
Sharp 32" LED TV

5th Prize:
Lim Chee Chuan
TaylorMade Putter

6th Prize:
Goh Han Kim
TaylorMade Putter

7th Prize:
Francis Heng
TaylorMade Golf Bag

8th Prize:
Calvin Chai Jah Ween
TaylorMade Golf Bag

9th Prize:
Fazly
Sharp Microwave Oven with Grill

10th Prize:
Albert Koh
Sharp Microwave Oven with Grill

11th Prize:
Nicharee Sapma
Morgan Ceramic Cooker

12th Prize:
Sow Aik Joo
Morgan Ceramic Cooker

13th Prize:
Fung Swee Yen
Morgan Grill with Steamboat

14th Prize:
Benson Yeoh Cheng Twan
Morgan Grill with Steamboat

15th Prize:
T. S. Heng
Morgan Grill with Steamboat

NOVELTY EVENT

NTP (Sultan 3):
Thomas Foo
KDK Stand Fan

NTP (Sultan 6):
Terry Chong
KDK Stand Fan

NTP (Alam Shah 2):
Christopher Sin
KDK Stand Fan

NTP (Alam Shah 8):
Edmund Ng
KDK Stand Fan

NTP (Alam Shah 9):
Casey Gan
KDK Stand Fan

Longest Drive (Alam Shah 9):
Eddie Foo
KDK Stand Fan

Wooden Spoon

Yap Chee Kah
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Player + Wooden Spoon

Overall Gross Champion

Christopher Sin
TEEAM Challenge Trophy

Overall Nett Champion

Chong Liang Shyong
TEEAM Challenge Trophy



Badminton Tournament 2014

Date : 14th & 21st December 2014 (Sundays)
Time : 9.00 am – 5.00 pm & 9.00 am – 2.00 pm
Venue : Sports Forum 19 Petaling Jaya

Registration : Contact TEEAM Secretariat
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Fax : +603-9221 8212
E-mail : teeam52@gmail.com / teeam@teeam.org.my
Website : www.teeam.org.my





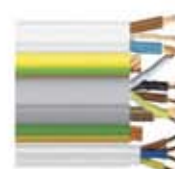
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Jalita Engineering Sdn Bhd
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KDK Fans (M) Sdn Bhd
3 units Stand Fans & Table Fans

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SnJ Lite Trading Sdn Bhd
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Stantric Sdn Bhd
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Heartiest Congratulations

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Dato' Ir Steven Ng Khoon Hwa

on being conferred the

Darjah Indera Mahkota Pahang (DIMP)

which carries the title Dato'

by

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SHEIKH MUBARAK AL-KABIR (KUWAIT), GRAND ORDER OF THE MUGUNGHWA (SOUTH
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on 27th June 2014

from



The Electrical and Electronics Association of Malaysia



New Books in Our Library

Informative reference materials are available in our Library. The Library is open to members from 9:00 am to 5:45 pm, Monday to Friday.

Title : ACEM Directory 2014
Publisher : Association of Consulting Engineers Malaysia

Title : Berita KLSCCCI, January – April 2014
Publisher : The Chinese Chamber of Commerce and Industry of Kuala Lumpur and Selangor

Title : Business in Action @ FMM, May-June 2014
Publisher : Federation of Malaysian Manufacturers

Title : EUMCCI Review, Vol 2, No.1 & No.2
Publisher : EU-Malaysia Chamber of Commerce & Industry (EUMCCI)

Title : HKECA Newsletter, July - September 2014
Publisher : Hong Kong Electrical Contractors' Association

Title : FMM Directory 2013
Publisher : Federation of Malaysia Manufactures

Title : IEEMA Journal, May, June, July, August 2014
Publisher : Indian Electrical & Electronics Manufacturers' Association

Title : IEM Journal, June 2014
Publisher : The Institution of Engineers, Malaysia

Title : Industrial Automation Asia, August 2014 – Manufacturing Automation, Instrumentation & Process Controls
Publisher : Industrial Automation Asia

Title : Jurutera, May, June, July 2014
Publisher : The Institution of Engineers, Malaysia

Title : Master Builders Journal, Vol 1 2014
Publisher : Master Builders Association Malaysia

Title : Ministry of International Trade and Industry Report 2013
Publisher : Ministry of International Trade and Industry Malaysia

Title : MGCC Perspectives, May-June 2014
Publisher : Malaysian-German Chamber of Commerce and Industry

Title : The Ingenieur, July-Septembet 2014
Publisher : Board of Engineers Malaysia

Title : The Strategist, June 2014
Publisher : Asian Strategy & Leadership Institute

Title : Trademart, March-April, May-June 2014
Publisher : Malaysia External Trade Development Corporation (MATRADE)

Title : Wiring Design, A guide to working safely with building wiring systems and designs
Publisher : International Copper Association Southeast Asia

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Asian Utility Week

The Asian Utility Week 2014, themed “Your journey to a cleaner and smarter energy future”, saw a power-packed 2-day conference and exhibition held on 5th & 6th August 2014 at Hotel Renaissance Kuala Lumpur. The conference’s three tracks allowed delegates to adapt the agenda to their areas of interest with streamed sessions on transmission & distribution infrastructure, metering, ICT & data, smart grid, and clean power & renewable integration.

The keynote session was addressed by YBhg Datuk Ir Ahmad Fauzi Hasan, the Chief Executive Officer of the Energy Commission. Organised by Clarion Events, the conference saw a great variety of paper presentations. The networking coffee break witnessed the opening of the exhibition with a bang! The exhibition floor provided a platform for great interaction with a day full of networking.

Over 50 exhibitors displayed their products, technology and solutions. There were many technical presentations and real life demonstrations on the latest products and solutions that are shaping the utilities industry. TEEAM was

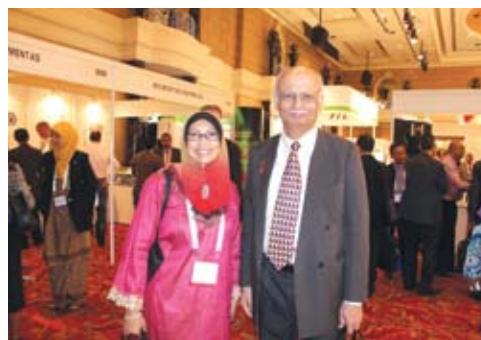
privileged to be one of the supporting organisations. A number of TEEAM members participated as conference delegates. It was a good event for the stakeholders to catch up, do business and exchange new ideas.



Conference speakers – Debating an interesting topic.



Smiles – (from left) Mr Andrew Lu & Ir Peter Lu from Sarawak Electrical Association (SEA), Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President) and Ms Winnie Khong (TEEAM Executive Secretary).



Fellowship – Ir Kamaliah Abdul Kadir (Senior General Manager, Customer Service, TNB Distribution) and Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President).



Lunch break – (left) Ir Peter Lu (SEA Vice Chairman) catching up with Ir Yong Ah Huat (TEEAM Deputy President).



Networking – Ir Yong Ah Huat (TEEAM Deputy President) and Ir Kamaliah Abdul Kadir (Senior General Manager, Customer Service, TNB Distribution).



Asian Utility Exhibition – Good show.



At Toshiba booth – A pose for the album.

Conference Session



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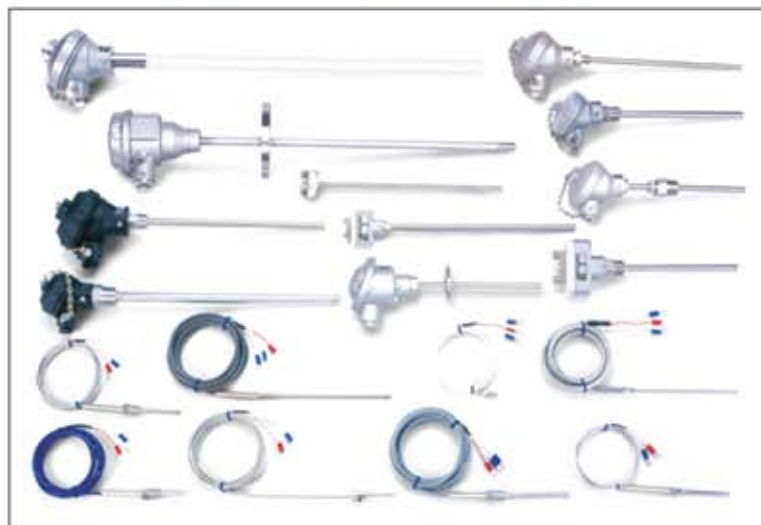
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CFL & FL Recycling Programme

TEEAM is carrying out its second phase of Compact Fluorescent Lamps (CFL) Recycling Programme as part of its continuous commitment towards environment protection and sustainability. The programme is approved under the GEF/SGP (Global Environment Facility/Small Grants Programme) directive. The second phase will include the collection of used Fluorescent Lamps (FL) which are widely used in homes and offices. TEEAM hopes that the second phase of CFL & FL Recycling Programme would give important momentum in achieving the following objectives:

- To reduce the environmental risk from improper disposal of CFL & FL to landfill;
- To educate and encourage the public to practice recycling in their daily life;
- To provide an avenue for everyone to make a difference; and
- To protect the environment for human and eco-system health.

Disposal of used CFLs and FLs in landfills is among the primary sources of mercury pollution that could migrate to groundwater and also become airborne. Though the Malaysian government is determined to provide sustainable recycling system in the country but CFL & FL recycling is not a national legal requirement. Therefore, TEEAM would like to influence the government to establish basic policies and conduct public relations for promoting CFL & FL recycling. TEEAM hopes to educate the community to make the right decisions about how and where to dispose of their used CFL & FL.

Awareness Talk

TEEAM held its first awareness talk at Sri Dasmesh International School on 22nd July 2014. The aim is to educate the students on proper disposal of used CFL &



We care! – Together we make a difference.

FL and to improve their attitude towards recycling. Guest Speaker, Dr Tan Ching Seong from Multimedia University gave an introductory awareness talk to the students, highlighting the importance of recycling and environmental protection. The talk was attended by about 100 students and teachers from the school.

The second awareness talk was held at SRJK (C) Subang on 12th September 2014. Some 1,200 students benefited from the programme.

Colouring & Drawing Contest

A colouring & drawing contest was organised with the support of Viva Home Mall on 17th August 2014 for children from five to twelve years old. The contest involving 70 children was held to promote and develop awareness on CFL & FL recycling and environment protection.



Guest speaker – Dr Tan Ching Seong educating Sri Dasmesh's students on proper disposal of used CFL & FL.

TEEAM will continue with this CSR (Corporate Social Responsibility) programme to educate school children and the general public on proper disposal of used CFLs & FLs.

Exhibitions

TEEAM also took part in exhibitions to promote this green awareness to the E&E stakeholders and the general public. The two recent exhibitions were Asean M&E Expo and CIE Lighting Conference.

Members' Support

TEEAM called on members to support this CSR programme by placing collection bins in their factory, office or shop front. Let's come forward to save our environment! The list of collection points for used CFL and FL is posted in TEEAM website www.teeam.org.my



Recycling awareness – Colouring & Drawing Contest to educate children.

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What Can We Measure and Provide?

Photometric / Spectroradiometric

- Spectral power distribution, 380-780nm
- Total luminous flux (lumens)
- Useful lumens
- Illuminance (lux)
- Luminous intensity (candelas)

Colorimetric

- CIE chromaticity (xy, uv, u'v')
- Correlated colour temperature, CCT (Kelvin)
- Dominant wavelength (nm) & purity
- Colour rendering index, CRI
- Colour Appearance Group
- Colour Rendering Group
- MacAdams Ellipses & SDCM

Angular / Spatial

- Luminous intensity vs. angle
- Luminance vs. angle
- CCT vs. angle
- CRI vs. angle
- Beam angle
- Polar intensity
- Cone illuminance diagram
- Unified glare rating (UGR)
- Photometric data files in .ies format

Electrical

- Power consumption (Watts)
- Light output ratio (LOR)
- Lamp/Luminaire Efficacy (lumens / Watt)
- Power Factor
- Harmonic Current Emissions (THD)

Diagrams

- Cartesian Luminous Intensity Distribution
- Cone Intensity
- Intensity Table
- Luminous Flux
- Lumen Pie Chart
- Luminaire Luminance
- Cone Luminance
- IsoCandela Diagram
- Cone Lux Levels Downlights
- IsoLux Diagram
- Illuminance Greyscale
- IsoLux 3D
- Zonal Flux
- Luminance Limiting Curve
- CIBSE LG3 Rating
- Reduced Unified Glare Rating Table
- Photometric Solid
- Illuminance Grid
- IESNA Roadway
- IESNA CoU Table
- TM5 UF Table
- TM5 UF (Variation)
- Roadway UF Graph

Relevant Standards

- IES LM-79-08 - Approved Method for Electrical & Photometric Measurements of Solid State Lighting Products
- CIE 121-1996 - The Photometry and Goniophotometry of Luminaires
- CIE 84-1989 - The Measurement of Luminous Flux
- BS EN 13032-1:2004 - Measurement and Presentation of Photometric Data of Lamps and Luminaires



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..... Continue CFL & FL Recycling Programme



All ears on interesting topic – Students listening attentively.



Educating – Enthusiastic students showing they care.



Save the environment – Proper disposal of used CFL & FL.



Congratulations! – One of the winners of the colouring contest.



Impressive – Children's masterpiece on display after the contest.



Contestants – Young contestants with family support.



Exciting moment – Winners announcement.



Good response – Children concentrating on colouring & drawing contest.

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