

Seminar on Skills Certification & Training

The seminar on "Mandating Workers To Be Certified with Malaysian Skills Certificate" was successfully held on 6th December 2012 at Crystal Crown Hotel, Petaling Jaya, Selangor, with 95 attendees. The timely event was a collaboration between TEEAM and the Department of Skills Development (DSD) under the Ministry of Human Resources. TEEAM was appointed by DSD as an Industry Lead Body (ILB) to conduct skill promotion activities and develop National Occupational Skill Standard (NOSS). President Engr Fu Wing Hoong was present to deliver the welcome address.

The half day seminar featured several speakers including Mr Abdul Karim Rahman (DSD Senior Asst Director) who spoke on "Role of the Department of Skills Development"; Mr Raja Surian Muthu Elandy (Asst Director of DSD) on "National Dual Training System"; Ms Mek Eksah Hj Awang (Manager, Perbadanan Tabung Pembangunan Kemahiran - PTPK) on "PTPK Worker's Loan"; Mr Mohamed Ramdan Mohamed Yusof (Official of Human Resource Development Berhad) on "PSMB Training Grant"; and Mr Anthony Ng from TEEAM on "Industry Lead Body's Roles and Responsibilities".



Enjoying a sumptuous Hi-Tea – (from left) Ir Steven Ng (TEEAM Deputy President), Ms Mek Eksah Hj Awang (PTPK Manager), Engr Fu Wing Hoong (TEEAM President), Mr Mohamad Yaacob (DSD Director), Mr Abdul Karim Rahman (DSD Senior Asst Director) and Mr Ho Khai Hong (TEEAM Honorary Secretary).

The seminar highlighted the importance of Malaysian Companies to compete globally towards developing and maintaining a world-class talent through upgrading skills and certification. As part of the 10th Malaysia Plan, it would be mandatory for workers in selected occupations and trades to possess Malaysian Skills Certificates or its equivalent. The seminar also highlighted the government's incentives for workers certifications.

The participants were actively engaged during the Q&A session. Mr Mohamad Yaacob (Director of DSD) responded well to the questions with clear explanations. At the end of the seminar, Engr Fu Wing Hoong (TEEAM President) presented souvenirs to the distinguished speakers as a token of appreciation. Overall the seminar was informative and beneficial. The seminar concluded with a Hi-Tea.



TEEAM President – Engr Fu Wing Hoong delivering his welcome speech.



At the seminar – (from left) Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President), Mr Madhu Nair (KL & Selangor Indian Chamber of Commerce & Industry President), Mr Anthony Ng (TEEAM Committee Member), Engr Fu Wing Hoong (TEEAM President), Ir Rocky H T Wong (TEEAM Honorary Fellow & Technical Adviser) and Mr Ho Khai Hong (TEEAM Honorary Secretary).



Good response! – Participants listening attentively to the presentation.



Registration – Members signing in their attendance.



TemBreak
Circuit Breaker
with Residual
Current Protection
(CBR)



TemBreak
PVS400-NDL
DC Moulded Case
Circuit Breaker
Rated current 2000A
Rated breaking capacity
DC600V 40kA



TemBreak
The Ultimate Safety Breaker

The Ultimate
Safety Breaker



TemPower



ELCB

MCB

RCBO

Earth Leaker Relay
(TZS-AD)

TERASAKI ELECTRIC (M) SDN BHD

TERASAKI is the world's power specialist since 1923, we offer a comprehensive range of LV Switchgear & services for the Residential, office Building, Manufacturing Plant, Energy & Infrastructure. The brand name of our products is TERASAKI and which are already well established in Marine Systems, Industrial System and Circuit Breaker Industry.

TERASAKI ELECTRIC (M) SDN BHD (156366-X)

Lot 3, Jalan 16/13D, 40000 Shah Alam, Selangor Darul Ehsan, Malaysia.

Tel: +603-5549 3820 (6 Hunting Lines) Fax: +603-5512 9299

E-mail: sales@terasaki.com.my / ykkoh@terasaki.com.my



Courtesy Visit by Kokko Japan

On 26th November 2012, Mr Tsuyoshi Sakanish, Chairman of Kokko Shisetsu Kogyo Co, Ltd paid a courtesy visit to TEEAM. He was accompanied by Mr Shunji Soma, President of Showa Dengyo Co, Ltd. On hand to receive the delegates at TEEAM were Ir Steven Ng Khoon Hwa (Deputy President), Mr Suresh Kumar Gorasia (International Affairs Chairman & Past President) and Mr Ho Khai Hong (Honorary Secretary).



Delegates from Japan – (from left) Mr Tsuyoshi Sakanish (Chairman of Kokko Shisetsu Kogyo Co, Ltd) and Mr Shunji Soma (President of Showa Dengyo Co Ltd).

Kokko Shisetsu Kogyo Co., Ltd specialises in electrical construction, instrumentation control work and has many years of experience in airport-related facilities. The company has business and branch offices in 15 locations in Japan. The courtesy visit aimed to share the overview and forecast on the Japanese photovoltaic (PV) market, Japanese feed in tariff (FIT) and their International Affairs Chairman & company's strategy for PV business. It was highlighted that the Japanese renewable energy market has gigantic business potential especially for PV. The discussion also touched on Malaysia's economic stability and business policies and the usage of renewable energy in the country.



For the album – (from left) - Mr Shunji Soma (President of Showa Dengyo Co, Ltd), Mr Ho Khai Hong (TEEAM Honorary Secretary), Mr Suresh Kumar Gorasia (TEEAM International Affairs Chairman & Past President), Ir Steven Ng Khoon Hwa (TEEAM Deputy President) and Mr Tsuyoshi Sakanish (Chairman of Kokko Shisetsu Kogyo Co, Ltd).

It was a fruitful and informative discussion for both parties. The delegates thanked TEEAM for the information shared and hoped to foster a closer business relationship in the future. A group photo capped off the visit.



With Best Compliments from:
Mighty Synergy Industries Sdn. Bhd. (309775-H)



www.msi.com.my



**Designed
& Made in
Malaysia**

**One stop lighting solution
Customized product
Specialize in energy saving
ISO 9001 : 2008 certified**

No.16, Lorong Industri 15, Taman Bukit Panchor, 14300 Nibong Tebal, Penang, Malaysia.
Telephone: +604-5931818 (Hunting Line) Fax: +604-5931919 / +604-5939633
Email: msi@streamyx.com



A **Complete System** in circuit protection



UTAMA

SWITCHGEAR SDN BHD

UTAMA SWITCHGEAR SDN BHD (416650-H)

No. 3, Jalan USJ 19/4A, UEP Subang Jaya, 47620 Petaling Jaya, Selangor Darul Ehsan, Malaysia

Tel 603-8024 1215 Fax 603-8024 1796 Email utamasb@streamyx.com

World LED Standardisation Conference, Korea

The 3rd International LED & Display EXPO 2012, a trade exhibition was held from 29th to 31st August 2012 at Daegu Exhibition & Convention Centre (EXCO) in Daegu, Korea. In conjunction with the Expo, the World LED Standardisation Conference 2012 was organised by Korea LED Association (KLEDA) and LED-IT Fusion Technology Research Center on 30th August 2012 at EXCO. The theme of the conference was “to introduce and propose LED lights technologies, global standardisation to IEC TC-34 and to promote their global spread”. In this event, an MOU has been signed between the Korea LED Association (KLEDA) and The Electrical and Electronics Association of Malaysia (TEEAM) together with four other associations. They are D&S LED Lighting Spread Association Japan (DLEDA), Photonics Industry & Technology Development Association (PIDA), LED Products Manufacturer’s Association India (LEDMA) and European Photonics Industry Consortium (EPIC). The MOU aims to promote mutual cooperation, exchange of experiences and share information amongst LED industries and technologies in Japan, Taiwan, Malaysia, India, Europe and Korea. Mr C T Siew (Malaysia CIE Chairman) participated in the conference and presented a



Networking – Conference speakers and delegates.

paper on LED Market Trends, Dissemination Policies & Standardisation Plan - Malaysia. The following interesting papers were also presented during the conference:

- LED Standards and International Standardisation Activities by Mr Jongku Yoon
- LED Standards Development in the United States by Mr Ralph Tuttle
- LEDs-Developments in Solid-State Lighting – A European Perspective by Mr T P Pearsall

- Japan’s LED Standardisation Strategy by Mr Haruhiko Kobayashi
- Brighten up Nature with LED Lighting – by Mr Chris Kong Kyung-il
- Taiwan LED Industry & Lighting Standard Status by Mr David Heh
- LED Market Trends, Dissemination Policies & Standardisation Plan - India by Mr Ramana Rao

Many manufacturers and vendors from various countries had participated and benefited from the conference.



Promoting cooperation – MOU signed & sealed among the participating associations.



Presentation – Mr C T Siew (Malaysia CIE Chairman) speaking at the conference.



Upcoming Sports Event

Table Tennis Tournament 2013

Date : 7th April 2013 (Sunday)

Time : 9.00 am – 6.00 pm

Venue : MCA PJ Selatan Building

Registration : Contact TEEAM Secretariat

Tel : +603-9221 4417, 9221 2091

Fax: +603-9221 8212

E-mail : teeam52@gmail.com

Website : www.teeam.org.my

Maxguard®

SAFE AND SAVE

What are
the advantages
of using
MAXGUARD?



Safe with Warranty



Safe with Fully Tested



Safe with Qualification



Save Cost



Save Time



Save in Energy



PRODUCT LIABILITY
★ Terms & Conditions Apply ★
RM1,000,000.00



 Suruhanjaya Tenaga

Approved for
Government Projects



ITS Intertek Testing Services
ETL SEMKO



MAXGUARD SWITCHGEAR SDN BHD (Co. No. 467568W)

No 8, Jalan Anggerik Mokara 31/47, Kota Kemuning, Seksyen 31, 40460 Shah Alam.

Tel: (603) 5121 2288 Fax: (603) 5121 2868 Email: sales@maxguard.com.my

Website: www.maxguard.com.my

Meeting with MITI on AEC

On 2nd November 2012 at MITI Office, TEEAM held a discussion with MITI Officials on the progress of MRA (Mutual Recognition Arrangement) in the E&E sector in the ASEAN region and other FTAs (Free Trade Agreements), as well as to provide inputs from the E&E service sector for positioning Malaysia in a favourable position when AEC (ASEAN Economic Community) becomes a reality in 2015.

The delegation from TEEAM was headed by Ir Rocky H T Wong (Honorary Fellow & Technical Adviser), Ir Chew Shee Fuee (Vice President), Mr Ho Khai Hong (Honorary Secretary) and Ir Yong Ah Huat (Council Member). On hand to receive TEEAM were Mr P Ravidran (MITI Senior Director), Ms Normah Osman (MITI Director) and Ms Farha Ramdzan (MITI Assistant Director). Ms Sharifah Azlinda (DSM Assistant Director, Policy & Standards Division) and ST Officials Ms Nur Faidarina Alias and Ms Rohaida Mat Lazim were also present.

MITI welcomed TEEAM's effort in the promotion of MRA development in the E&E sector in ASEAN especially in the E2WMRA. TEEAM provided inputs on issues of concern and MITI took note of the following suggestions:

- review the MRA on EEE to expand the scope of E&E products to include more products in order to cover the entire spectrum of E&E products;



MITI Senior Director –
Mr P Ravidran chairing the meeting.

- develop ASEAN Codes of Practice (basing on IEC Standards) for the various practices that are normally regulated that can be used to harmonise the regulatory regimes.

- encourage the cost effective concept of “1 standard, 1 test & 1 approval”;

- review the laboratory & certification procedure to facilitate E&E trade within ASEAN countries;

- Malaysia to take the lead of the ASEAN E2WMRA to facilitate the mobility of the necessary professionals/skilled workers/talents of the delivery teams for Electrical Engineering Works; and

- propose to set up a high voltage high power laboratory in ASEAN.

Hence, TEEAM would submit follow-up papers, outlining TEEAM's



During the meeting – *Issues of concern were discussed.*



For the album – (from left) Ms Farha Ramdzan (MITI Assistant Director), Ir Chew Shee Fuee (TEEAM Vice President), Ms Normah Osman (MITI Director), Ms Sharifah Azlinda (DSM Assistant Director, Policy & Standards Division), Ir Rocky H T Wong (TEEAM Honorary Fellow & Technical Adviser), Mr P Ravidran (MITI Senior Director), Ir Yong Ah Huat (TEEAM Council Member), Mr Ho Khai Hong (TEEAM Honorary Secretary), Ms Nur Faidarina Alias and Ms Rohaida Mat Lazi from ST.

(representing the EEE sub-sector grass roots stakeholders) recommendations to attaining regional coherence for the post-2015 AEC in order for MITI to present it to the Minister for further action. TEEAM thanked MITI for the fruitful and encouraging discussion.



SPECO BUMI ELEKTRIK SDN BHD

(Incorporated in Malaysia - 46174 - W)

Pt 2581, Bandar Baru, 35800 Slim River, Perak Darul Ridzuan, Malaysia

Tel: +605-452 8915, +605-452 7980 Fax: +605-452 9129 E-mail: specobumi@gmail.com

WE ARE REGISTERED WITH SURUHANJAYA TENAGA, CIDB & P. K. K.

We deal with:-

1. Mechanical & Electrical Maintenance Works etc.
2. General Electrical Wiring Works (Domestic & Industrial)
3. Control System Wiring
4. High & Low Voltage Overhead Installation and Under Ground Cable
5. Public Road Lighting & Highmast Light
6. Special Lighting like Stadium and Area Flood Lighting, Stage Lighting etc.
7. Uninterruptible Power Supply System
8. Genset Maintenance & Installation Works
9. Energy Management System
10. Power Quality Audit

VARIOUS TYPES OF PRESSURE MEASURING



1. Relative And Differential Pressure Switch Type 604

Pressure Range : -1 ... 1 mbar / 0 ... 0.3 - 50 mbar
Mediums : Air and neutral gases

2. Relative And Differential Pressure Transmitter Type 699

Pressure Range : -1 ... 1 mbar / 0 ... 50 mbar
Mediums : Air and neutral gases

3. Relative And Differential Pressure Transmitter Type 692

Pressure Range : 0 ... 25 bar
Mediums : Fluids and gases

4. Relative And Absolute Pressure Transmitter Type 501

Pressure Range : -1 ... 0 bar / 0 ... 60 bar
Mediums : Fluids and gases

5. Relative And Absolute Pressure Transmitter Type 511

Pressure Range : -1 ... 0 bar / 0 ... 600 bar
Mediums : Fluids and gases



dpstar Thermo Control Electric Sdn. Bhd. [Co No. 387517-A]

No. 39-G, Jalan OP 1/2, Pusat Perdagangan One Puchong,
Off Jalan Puchong, 47160 Puchong, Selangor Darul Ehsan, Malaysia.

Tel : 603-8071 6722 / 6322 | Fax : 603-8071 5633 / 6822 | E-mail: info@dpstar.com.my | Website: www.dpstar.com.my

ASEAN Standards for Regional Coherence

TEEAM's follow-up paper to MITI on Regional Coherence for AEC

For the post-2015 AEC to be realised as intended - a common market and borderless production base - there shall be "free flows" of goods, services, investment, capital and professionals/skilled workers/talents. All stakeholders must understand and appreciate the benefits and challenges that come with it. With understanding, it will soon be realised there are more opportunities/benefits than challenges. That's the belief & fact.

The post-2015 AEC can attain its goal and objectives when an appropriate mechanism for regional coherence is in place and operationalised. For the electrical & electronic equipment (EEE) sub-sector; there is already an initial mechanism in place: a first generation (1st-G) EEE MRA concluded in 2002 - 10 years ago. It was the first MRA (guided by WTO+ TBT principles) under ACCSQ. It had to be a "doable" version MRA for "all to buy in". Since most ASEAN member states have regulated and controlled E&E equipment for consumers' protection, the 1st-G EEEMRA was virtually a "snapshot" of the existing status. That resulted in all 10 ASEAN member states signing on the 1st-G MRA.

The JSC in implementing the said EEEMRA has a goal for free trade based on the cost

effective concept of "1 standard, 1 test, 1 approval". The international standards for EEE are the IEC Standards. To achieve the goal of 1 standard (i.e. manufactured to the relevant IEC Std.), 1 test (tested to the same IEC Std.), and 1 acceptance based on the MRA provisions coupled with the ongoing harmonisation of EEE Regulatory Regimes (set out in AHEEERR signed 2005), then "1 approval" is deemed attainable. This is a start. More can be done.

To cater to the post-2015 AEC, the next move should be a concerted effort directed to reviewing the 1st-G EEEMRA and the AHEEERR Agreement. The aim is to go beyond "controlled items", to cover all electrical and electronic equipment (including lighting fixtures/systems) which are manufactured/tested to international (IEC) standards. The JSCEEMRA should establish a WG to prioritise the adoption and/or adaptation of IEC Standards for EEE (that feature in intra-ASEAN trade) - resulting in the build up of "ASEAN Standards" which will also come in handy when ASEAN enters into other extra ASEAN FTAs, such as ASEAN-China FTA. Moving forward, having gained experience in the operation of AHEEERR and with ASEAN Standards in place, ASEAN Directives may then

be the next move, leading to ASEAN coherence.

Over the years, a number of Malaysian manufacturers of EEE such as electrical switchboards, motor control centres, relay & protection panels, switchgears, and other utility/industrial type equipment and components have turned their attention to the ASEAN market, believing that the post-2015 AEC is a "free flow" domestic market. ASEAN (IEC based) Standards will be most welcomed, and the concept of "1 standard, 1 test, & 1 approval" will result in the "minimal cost" of doing business. If only this least cost and standards centric approach is practised by our own GLC's in their procurement, then our own Malaysian EEE manufacturers can compete with "All & sundry". Alas, our GLC's are "power above all others". Though their procurement specification may appear to be based on relevant IEC standards, these GLC's (such as TNB) impose other "out of standards" extra requirements which often result in (very expensive) re-testing the equipment. TEEAM appeals to MITI to educate/convince such GLC's, on a national interest basis, that such unwise practices do not benefit anyone.

Be standards centric. Regional coherence for AEC begins in the home market.



The Development of E2WMRA

The following is the second TEEAM paper to MITI on the development of E2WMRA. It also represents the views of AFEEC (ASEAN Federation of Electrical Engineering Contractors) as grass roots stakeholders.

Statistics for both intra and extra ASEAN trade establish the fact that the highest trade volume is in the EEE sub-sector. It is believed that a better part of the statistics include more than "the goods". The total "delivery system" include what is known in the trade as "design, supply, erect & commission", complete with CIF and LTE portions, otherwise also known as "EPCC", for electrical power and electronic ICT infrastructures/facilities. In the GATS context, it is classified as "Integrated Engineering Services" carrying a CPC code of CPC 8673.

The EEEMRA, even when the coverage goes beyond "controlled" items to include all EEE

(as recommended in TEEAM's fellowship above). The missing portion in the total equation of project delivery is the "Integrated Engineering Services" element. This gap can be bridged by TEEAM's/AFEEC's proposed industry-driven E2WMRA.

We appreciate that such matter dealing with "services" come under the ambit of the CCS which formulated the ASEAN MRA on Engineering Services (explicitly for CPC 8672 only) in 2005, seven years ago. The Malaysian PRA (Profession Regulatory Authority) responsible (for CPC 8672) is the Board of Engineers Malaysia (BEM). However the prospective PRA for the proposed E2WMRA will be The Energy Commission (or ST), the authority charged with regulating electrical & electronic (E&E) safety. It is therefore envisaged that the ASEAN PRAs for the ASEAN MRA on Engineering Services (e.g. the BEM) will have no legal jurisdiction over E&E safety matters.

The proposed E2WMRA has been the hope and aspiration of not only Malaysian stakeholders (TEEAM members), but also our ASEAN counterparts since 2005 - the same year CCS formalised the ASEAN MRA on Engineering Services.

We seek MITI's facilitation at both SEOM and AEM to direct CCS to permit an industry-based E2WMRA to be developed by TEEAM and our counterparts in ASEAN who are members of AFEEC (ASEAN Federation of Electrical Engineering Contractors). We need lawful designation and official recognition/standing. The outcomes of the E2WMRA must be legally binding, as would any MRA formulated by the CCS.

By supporting any private sector (grass roots) stakeholders' initiative to develop a "binding" MRA such as the E2WMRA, it is yet another positive step towards establishing regional coherence for the AEC.





Low Voltage Products



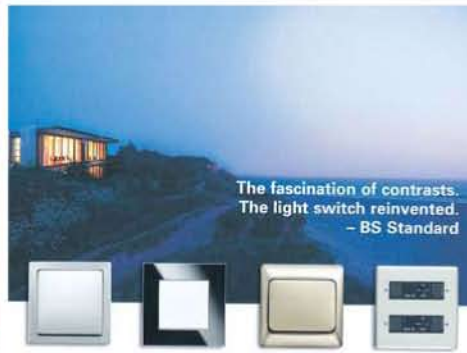
Emax air circuit-breakers



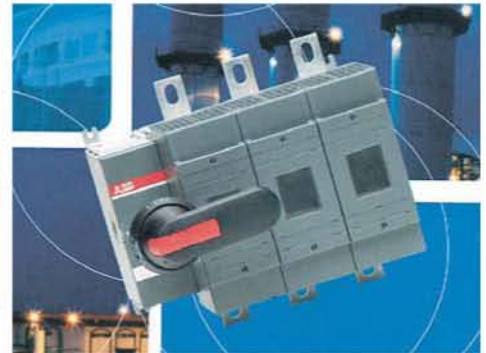
Moulded Case and Air Circuit Breaker



Switch-Disconnectors OT and OETL



Switch



PowerLine fuses OS and OESA



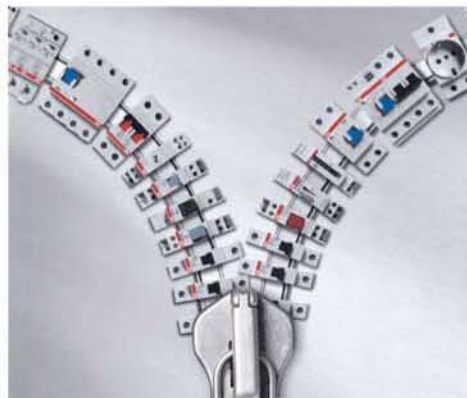
Tmax. T Generation



Contactors



Softstarters



System pro M Compact®



MCB and RCD



KUASA JATI SDN BHD (550836-X)

No. 23, Jalan Anggerik Vanilla 31/93, Kota Kemuning, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

TEL: 03-5122 8859, 5122 7759 FAX: 03-5121 8859 E-MAIL: info@kuasajati.com WEBSITE: www.kuasajati.com

TEEAM SWO-Ej-TC1 Activities

Report by Ir Rocky H T Wong (Chairman)

1. The primary reasons for TEEAM (as a trade association) to get involved in standards development more than 13 years ago were:

- TEEAM (then under the presidency of Dato Donald Lim) lobbied the ST during the late 90's to regulate cable lugs.
- In response, the then ST chief challenged TEEAM to develop the relevant standards as the initial step to regulation (in due course).
- The challenge was (bravely) accepted. TEEAM proceeded to apply to SIRIM to be a Standards Writing Organisation (SWO), and was duly appointed as one on 20th Aug 1999 - designated as ISC-E (downstream) Technical Committee (TC) developing standards centring on "Installation, Protection & Insulation Practices". The principle mirror image of IEC TC is TC 64, amongst others.

2. TEEAM SWO embarked upon the development of standards for cable lugs which, after a lapse of 5 years or more since the initial publication, are now under review and maintenance. The Malaysian Standards (MS) on cable lugs earlier developed and recently revised (but subject to SIRIM's ongoing administrative processing) to date are:

- MS 1540: 2002 – Specification for the material, marking and dimensions of crimp type cable lugs for use with copper conductors in low voltage applications.
- MS 1779: 2005 – Crimp type cable links as through-connectors for and with stranded (non-compact) copper conductors in low voltage applications – Specification for the materials, marking and dimensions.
- MS 1838: 2005 – Heavy duty crimp type lugs for use with XLPE insulated and circular compact copper conductors in single and multi core power cable applications up to 36 Kv – Specification for the material, marking and dimensions.

3. As part of Work in Progress (WIP), other Malaysian Standards on cable lugs currently being developed are as follows:

- Bi-metal lugs - Final draft being vetted by SIRIM,
- Cable lugs testing - drafting by WG; and

- Specification for cable lug installations - drafting by WG.

4. ST had earlier indicated that once the suite of MS (i.e. those indicated above) has been completed, they would cooperate with TEEAM to work out a suitable regulatory procedure/regime that may involve amendments to the 1994 Regulations; e.g. review (and may even amend) Regulation 51: "Eligibility to become Cable Joiner".

5. At the turn of the 21st Century (i.e. during the early 2000's), the then Dept of Standards Malaysia (DSM), now known as Standards Malaysia, made a "public call" to popularise Malaysian Standards - especially those MS that are mandatory standards that will form the basis for regulations and lawful enforcement.

6. TEEAM responded to the "call" with the recommendation that TEEAM SWO be designated to popularise MS IEC 60364 "Electrical installations in buildings" (then referred to as MS IEC 364); a family of standards that have replaced the "IEE Regulations" (since the mid-90's) as the lawful standards for electrical installations in buildings; but hardly appreciated by stakeholders. At that time, the TEEAM SWO had just completed the review of the said standards that were re-designated as MS IEC 60364.

7. TEEAM SWO was eventually contracted by DSM/Standards Malaysia to develop the "Guide to MS IEC 60364" which is designated as MS 1936: 2006 Electrical

Installations of Building – Guide to MS IEC 60364. The Guide is an MS that interprets the international (IEC) provisions vis-à-vis Malaysian practices, and can serve as a "training" manual for stake holders and practitioners.



Ir Rocky H T Wong

8. To complete the loop; TEEAM SWO was later appointed by ST to develop a set of Codes of Practice (COP) - a synthesis of the Guide. The COP is MS 1979: 2007 Electrical Installations of Buildings – Code of Practice. This MS, representing the Malaysian COP for electrical installations in buildings, is the mandatory standard that underpins the ST's Technical Regulation – ST Circular: Bilangan 1 Tahun 2008 on the use of Malaysian Standards on Electrical Installations of Buildings as Guidelines in Electrical Installations for Peninsular Malaysia and Sabah.

9. In all intent & purpose TEEAM is the custodian for maintaining MS IEC 60364, and servicing Malaysia's P-membership in IEC TC 64.

10. TEEAM SWO is on course to develop other MS IEC Standards on Smart Grid; as a part of the National Agenda Malaysia has embarked upon to framing, in accordance with the IEC Roadmap on Smart Grid. Professor Dr Hew Wooi Ping of University Malaya (a member of the TC) has delivered a lecture on Smart Grid to the TC members during its recent meeting that was held on 20th February 2013.



Attentive – TEEAM SWO meeting in progress.



PCO®
Lighting Solutions
for your future



PCO LITE ELECTRICAL SDN. BHD. (Reg No. : 319183-D)
Lot No. 157880 Off Jalan Degong, 31900 Kampar, Perak Malaysia.
Tel: 605-466 5313, 465 1020 Fax: 605-465 1310
E-Mail: pcolite@streamyx.com Website: www.pcolite.com

PCO Lead The Way For The Future With Green and Energy Efficient Solutions.

Courtesy Visit by Abu Dhabi ZonesCorp

On 27th February 2013, the Executive Vice President of ZonesCorp, Mr Othman Siddeq Al Khouri visited TEEAM. He was accompanied by the Special Advisor to the Chairman of the Board, Dr Hassan Elrashid and Marketing Department Manager, Mr Saeed Salem Al Dhaheri. On hand to receive them were TEEAM Officials, Ir Steven Ng Khoon Hwa (Deputy President) and Mr Ho Khai Hong (Honorary Secretary).

ZonesCorp's visit aims to promote investment in Abu Dhabi's Economic Zones.

What is ZonesCorp?

The Higher Corporation for Specialized Economic Zones (ZonesCorp) is the government-backed agency responsible for the establishment, management and operation of specialised economic zones in Abu Dhabi.

ZonesCorp was established and empowered to develop the infrastructure and enabling business environment to reshape the Emirate's economic landscape through the implementation of targeted industrialisation and investment programmes.

In addition to its role in developing industrial infrastructure, ZonesCorp serves as the licensing authority for all industrial activity in Abu Dhabi. Playing a pivotal role in strategy and policy-setting in line with Abu Dhabi Vision 2030, ZonesCorp is responsible for the development of regulations administering the industrial clusters. Its vision and mission is to shape the future of economic zones and to develop and manage fully integrated economic zones to foster growth for the industrial sector and the local economy.

Key Benefits for Operating at Zonescorp

Investment Climate

- Conducive business climate.

- State-of-the-art infrastructure.
- Cluster-based zoning model, allowing full integration within the industry value chain and deriving synergy benefits.
- Provide Customer-Centric Services through our Investors Management Division and Foreign Labor Service Center.

Operational Benefits

- Products manufactured within the zones enjoy duty-free access to the Gulf Cooperation Council countries, as well as to signatory countries to the Greater Arab Free Trade Agreement.
- Duty-free import of machinery and raw materials.
- Free repatriation of profit and capital.
- Competitively-priced utilities.

Workforce

- International spectrum of skills.
- Vocational training centers ensuring supply of skilled labor force.
- Workers' residential cities providing world-class labor accommodation.
- Streamlined labor procedures through the Foreign Labor Services (FLS).

Logistics

- 12 minutes to Abu Dhabi International Airport.
- 50 minutes to Jebel Ali Port and Jebel Ali Airport.



Group photo – Guests posing with TEEAM Officials.



Representatives of ZonesCorp – (from left) Mr Saeed Salem Al Dhaheri (ZonesCorp Marketing Department Manager), Dr Hassan Elrashid (ZonesCorp Special Advisor) and Mr Othman Siddeq Al Khouri (ZonesCorp Executive Vice President).

- Planned on-site port – The Abu Dhabi Industrial Port – to serve ZonesCorp projects.

Other Services

- Investment Advice: We assist our customers in selecting the land plot that is most suitable for their needs, and help them to also determine their operational requirements.
- Business Matchmaking (BMM).

Conclusion

The discussion was very interesting and fruitful. Besides the above, both parties shared information on the country's economy, market conditions and business trends.



..... Continue TEEAM SWO-Ej-TCI Activities

11. Besides domestic development of E&E standards, the undersigned as the Chairman of TEEAM SWO has been an active & regular participant from the onset, in the framing and operationalising of the EEMRA; and later the AHEEERR. Unfortunately, there was a period after 2005 (the year the AHEEERR Agreement was signed) when TEEAM did not participate in ASEAN JSC Meetings on EEMRA/AHEEERR, until the (last) 14th JSCEEE Meeting in Yogyakarta from 20th to 22nd

Nov 2012. TEEAM SWO Chairman is glad to report that he was able to have an impact on the said JSC Meeting otherwise represented by officials (only) who negotiate and determine measures for cross-border trade in the common market and a borderless production base that ASEAN will be by 2015 - devoid of inputs from the private sector stake holders. The EU's representative who also attended the said meeting noticed TEEAM SWO's active and meaningful participation. EU is on another mission

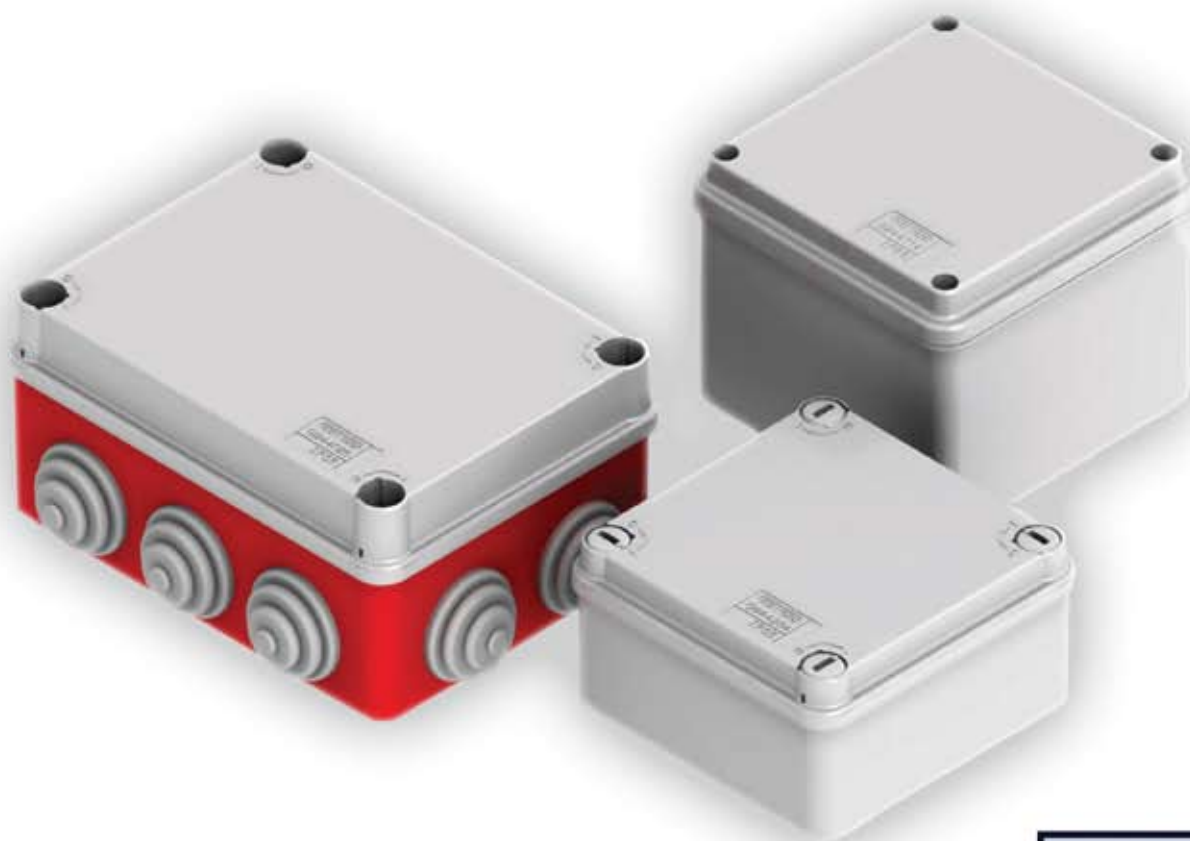
to assist ASEAN implement the AEC by 2015, and encourages regional coherence advocated by TEEAM by firstly attaining harmonisation of regionally regimes, and in due course, developing ASEAN Standards and ASEAN Directives. TEEAM SWO has been encouraged to participate regularly in other subsequent JSC Meetings - to champion the cause of private sector stakeholders. These efforts and initiatives dovetail with the letter TEEAM wrote to MITI on a similar tone.



44 CE Range ^{Big solutions}

GEWISS

SURFACE MOUNTING JUNCTION BOXES



Multi-function Screw



Versatile



Practical & Sturdy



UV Resistance



Modular



The most complete range of surface-mounting watertight junction boxes up to IP56 for general purpose junctions, Fire Retardant and industrial uses. Made of technopolymer (halogen-free) – GWT650°C and 960°C.

Fire Retardant



Versions with
halogen free material



Versions with
GWT 960°C material



Versions with
Marine Certification

Sole Distributor

Industrial Automation M Sdn Bhd (29039-D)

158, Jalan Loke Yew, 55200 Kuala Lumpur (HQ)

Tel: 03-9221 0511 Fax: 03-9222 2299

www.iasb.com.my

KL(HQ) - Klang - Ipoh - B'worth - Melaka - Kuantan - J.Bahru - Batu Pahat - Sg. Petani - Kuching



Fellowship Gathering

On 7th December 2012, TEEAM organised a membership gathering to foster fellowship among members. Members enjoyed karaoke singing, free flow of beer, satays and light refreshment. Everyone truly enjoyed the gathering. It was a good networking event particularly for the newly joined members.



Networking – Some 54 members attended the gathering.



Cheers – (from left) Mr Ng Kiet Tay (Zenith Electric Company), Mr Woo Keng Nam (Syt Handicraft Engineering Works), Mr Loh Sai Hoe (Wise Pro), Engr Fu Wing Hoong (TEEAM President) and Mr How Chee Seng (TEEAM Membership Recruitment Committee Member).



Happy hours – TEEAM Officials posing with Press members.



For the album – Support from Industrial Automation. (2nd from right) Looking on is Ir Lim Kim Ten (TEEAM SWO Committee Member).



Fellowship – TEEAM Officials forging fellowship with Press members.



Group photo – A joyful gathering.



Great Voice – Mr Fong Mun Loon (TEEAM Council Member).



"TEEAM First Lady" – Mrs Patsy Fu belting an oldie.



Friendship – (right) Mr Wong Chin Cheong (TEEAM Honorary Treasurer) and Mr Benson Yeoh Cheng Twan (Sykt See Wide Letrik).



Laughters – (left) Mr Ho Khai Hong (TEEAM Honorary Secretary) and Ir Lim Kim Ten (TEEAM SWO Committee Member).



Buddies – TEEAM Membership Recruitment Committee Members, (left) Mr William Young Chee Keong & Mr Jack Soon Lee Hock.



PENTA ENGINEERING SERVICES SDN BHD

(986496-A)

CASTELLO ENERGY CENTRE - LEVEL 1
No.18, Jalan Industri PBP 9,
Taman Industri Pusat Bandar Puchong,
47100 Puchong, Selangor Darul Ehsan, Malaysia.

T : +603-8060 6881
F : +603-8060 6887
E : salespessb@gmail.com ,
pentaessb66@gmail.com

SOLE DISTRIBUTOR IN MALAYSIA



e-mobility 2011/2012

Charging plugs and sockets
Charging cables
Charging infrastructure
Custom solutions



Made
in
Germany

your best connection
walther
Elektrotechnische Systeme

Badminton Tournament 2012

TEEAM organised a badminton tournament for members and their employees to vie for the championship on 14th & 21st October 2012 at Suria Sports Badminton Centre, Subang USJ. There were 30 men's singles, 45 pairs of men's doubles and 13 pairs of mixed doubles participated in the tournament.

Every player participated enthusiastically with very strong fighting spirit. The TEEAM Sports Committee was very delighted as the tournament drew a good turnout. A big thank you to the referees, umpires and linesmen who ensured a smooth tournament. The list of winners and sponsors appear on page 53.



For the album – A group photo taken before the game start.



Well done! – The jubilant winners with TEEAM officials.



Appreciation – Thank you to Suria Teja Sports Sdn Bhd for the partial sponsorship of badminton courts rental.



Men's singles champion – (right) Mr Terence Lim Jit Hui (Ablecon Power System Sdn Bhd) received trophy and AEON cash voucher from (left) Engr Fu Wing Hoong (TEEAM President).



Men's doubles champion – (centre) Mr Chang Chong Seong (Power Solution Trading Sdn Bhd) and (extreme right) Mr Wong Chee Way (Individual Member) received trophies and AEON cash vouchers from Engr Fu Wing Hoong (TEEAM President).



Ohkura

- Easy Operation by Touch Panel
- Powerful and Cost Effective



Paperless Chart Recorder **VM7000**

New Functions

Up to 48 points measurement value in ONE recorder

Features

- Various display by Touch Panel 5.7 Inch (TFT)
- Universal Input and Range
- Various Input 3, 6, 9, 12 CH
- PC support software supplied as standard
- Large capacity storage by SD/SDHC card (Max 32GB)
- IP65; Dust-Proof, Water-Proof
- Ethernet function as standard



dpstar Thermo Control Electric Sdn. Bhd. [Co No. 387517-A]

No. 39-G, Jalan OP 1/2, Pusat Perdagangan One Puchong,
Off Jalan Puchong, 47160 Puchong, Selangor Darul Ehsan, Malaysia.

Tel : 603-8071 6722 / 6322 | Fax : 603-8071 5633 / 6822 | E-mail: info@dpstar.com.my | Website: www.dpstar.com.my

..... Continue Badminton Tournament 2012



Men's singles 1st Runner-Up – (right) Mr Mohd Suzaimi (Indkom Engineering Sdn Bhd) received trophy and AEON cash voucher from (left) Engr Fu Wing Hoong (TEEAM Past President).



Men's doubles 1st Runner-Up – (centre) Mr Mohd Sofie and Mr Ahmad Khaizarul (Sunway Engineering Sdn Bhd) received trophies and AEON cash vouchers from (left) Engr Fu Wing Hoong (TEEAM President).



3rd & 4th placing, Men's Doubles – (2nd & 3rd from left) Mr Sow Mun Ho (Individual Member) and Mr Wong Chin Peng (Individual Member) versus (4th & 5th from left) Mr Lim Chong and Mr C S Chen (New Maluri Letrik (Sel) Sdn Bhd). Umpire is Mr Yeap Swee Huat (3rd from right). With them are (extreme left) Mr Fong Mun Loon (TEEAM Sports Committee Member), (from right) Mr Liang Kok Boon (TEEAM Sports Chairman) and Mr Jack Soon Lee Hock (TEEAM Sports Committee Member).



Mixed doubles 1st Runner-Up – (centre) Mr Mohd Sofie and (right) Ms Mar Azian (Sunway Engineering Sdn Bhd) received trophies and AEON cash vouchers from (left) Mr Liang Kok Boon (TEEAM Sports Chairman).



3rd & 4th placing, Men's Singles – (2nd from left) Mr H'ing Kok Keong (Genuine Electric Sdn Bhd) versus (2nd from right) Mr Gallen Loh (Omron Electronics Sdn Bhd). Umpire is Mr Steven (centre). With them are (extreme left) Mr Liang Kok Boon (TEEAM Sports Chairman) and (extreme right) Mr Jack Soon Lee Hock (TEEAM Sports Committee Member).



3rd & 4th placing, Mixed Doubles – (2nd & 3rd from left) Ms Lai Yu Tian and Mr Law Yee Voon (Sunway Engineering Sdn Bhd) versus (4th & 5th from left) Mr Low Tak Yong and Ms Wong Pei Fuen (Sunway Engineering Sdn Bhd). Umpire is Mr David Low (2nd from right). With them are (extreme left) Mr Ooi Eng Guan (TEEAM Council Member) and (extreme right) Mr Jack Soon Lee Hock (TEEAM Sports Committee Member).



POWERWELL

Safety | Reliability | Quality



Electrical Management Solution Partner

POWERWELL is a progressive global partner in the *Electrical Management Solution* industry. Serving a remarkable array of esteemed customers globally regardless of industrial, commercial or residential constellation, we truly understand the need to provide safe, reliable and quality electrical management solutions.

Benchmarked to meet with tomorrow's extreme requirements in today's electrical switchboard designs, we offer a partnership that constantly delivers assurance and satisfaction to your power management needs.



**ASTA FULL TYPE TEST & ARCING CONTAINMENT
TEST CERTIFIED SWITCHBOARD MANUFACTURER**

Malaysia Headquarters:

POWERWELL SDN. BHD. (220267-P)

No 1B, Jalan Anggerik Mokara 31/48, Kota Kemuning,
Section 31, 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.

Phone : +603-5521 3333 **Fax :** +603-5122 2933

Email : marketing@powerwell.com.my

Website : www.powerwell.com.my

Business Network:

- Powerwell - IESL, Bangladesh (Branch)
- Powerwell South Vietnam Co. Ltd. (Vietnam Factory)
- Power Point Electrical Switchgear LLC (Dubai Factory)
- EPC International Pty Ltd. (Australia Agent)
- KBF Trading & Contracting Co. (W.L.L) (Doha Agent)
- Engineer Procure Construct (Fiji) Ltd. (Fiji Agent)

Find out more from our website at www.powerwell.com.my

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 : Asia Pacific Regional Arbitration Group Newsletter, July - December 2012
Publisher : Asia Pacific Regional Arbitration Group

Title : Berita MFPA, Nov 2012
Publisher : The Malaysian Fire Protection Association

Title : Berita KLSCCCI, Oct-Dec 2012
Publisher : The Chinese Chamber of Commerce & Industry of Kuala Lumpur.

Title : Buletin Info@Ilsas, Edisi 5/2012
Publisher : TNB Integrated Learning Solution

Title : Business in Action @ FMM, Vol 5/2012 & 6/2012
Publisher : Federation of Malaysian Manufacturers

Title : Hong Kong Electrical Contractors' Association Newsletter, Oct-Dec 2012, Jan-March 2013
Publisher : Hong Kong Electrical Contractors' Association

Title : IEM Journal, September 2012
Publisher : The Institution of Engineers, Malaysia

Title : Jurutera, Dec 2012, Jan 2013, Feb 2013
Publisher : The Institution of Engineers, Malaysia

Title : Kuala Lumpur Regional Arbitration Group Newsletter, July - December 2012
Publisher : KLRCA

Title : Master Builders Journal, Volume 3, 2012
Publisher : Master Builders Association Malaysia

Title : MGCC Perspectives, Jan/ Feb 2013
Publisher : The Malaysian - German Chamber of Commerce and Industry

Title : Suara Perunding, Third Quarter 2012
Publisher : Association of Consulting Engineers Malaysia

Title : Suara Perunding, Fourth Quarter 2012
Publisher : Association of Consulting Engineers Malaysia

Title : Tenaga link, Vol 3, 2012
Publisher : Tenaga Nasional Berhad

Title : The Ingenieur, Dec 2012
Publisher : Board of Engineers Malaysia

Title : The Strategist, Vol 3, 2012
Publisher : The Asian Strategy & Leadership Institute

Title : Trademart, Sep & Oct 2012
Publisher : MATRADE



Badminton Tournament 2012 Results

Men's Singles Event

Champion
Terence Lim Jit Hui
Ablecon Power System Sdn Bhd
AEON Cash Vouchers worth RM500 + Trophy

1st Runner-Up
Mohd Suzaimi
Indkom Engineering Sdn Bhd
AEON Cash Vouchers worth RM300 + Trophy

2nd Runner-Up
Gallen Loh
Omron Electronics Sdn Bhd
AEON Cash Vouchers worth RM200 + Trophy

3rd Runner-Up
H'ng Kok Keong
Genuine Electric Sdn Bhd
AEON Cash Vouchers worth RM100 + Trophy

Men's Doubles Event

Champion
Chang Chong Seong & Wong Chee Way
Power Solution Trading Sdn Bhd
& Individual Member
AEON Cash Vouchers worth RM600 + Trophy

1st Runner-Up
Mohd Sofie & Ahmad Khaizarul
Sunway Engineering Sdn Bhd
AEON Cash Vouchers worth RM400 + Trophy

2nd Runner-Up
Wong Chin Peng & Sow Mun Ho
Individual Member & Individual Member
AEON Cash Vouchers worth RM300 + Trophy

3rd Runner-Up
Lim Chong & C. S. Chen
New Maluri Letrik (Sel) Sdn Bhd
AEON Cash Vouchers worth RM200 + Trophy

Mixed Doubles Event

Champion
Sow Mun Ho & Teng Swee Fong
Individual Member & See Wide Letrik (Sel) Sdn Bhd
AEON Cash Vouchers worth RM500 + Trophy

1st Runner-Up
Mohd Sofie & Mar Azian
Sunway Engineering Sdn Bhd
AEON Cash Vouchers worth RM300 + Trophy

2nd Runner-Up
Law Yee Voon & Lai Yu Tian
Sunway Engineering Sdn Bhd
AEON Cash Vouchers worth RM200 + Trophy

3rd Runner-Up
Low Tak Yong & Wong Pei Fuen
Sunway Engineering Sdn Bhd
AEON Cash Vouchers worth RM160 + Trophy

Sponsors

Infrakomas Sdn Bhd
150pcs T-shirt



LIGHTING & TRANSFORMERS

Success Electronics & Transformer Manufacturer (SUCCESS) is a well known lighting and low-voltage transformer manufacturer based in Malaysia, with the ISO9001:2008 accreditation. The company was established since 1980.

SUCCESS is the specialist in both lighting and transformers, in which the expertise lies in the design, integration, manufacture and supply of the premium quality products.

In the area of lighting profession, Success is able to provide comprehensive lighting design simulations for the customers, according to the customers' specific needs. The experienced lighting team can create the lighting simulation design to the customers as part of the pre-sales services.

NIKKON[®]
Light up the World



LED Floodlight



LED Fluorescent Luminaire



Solar LED Street Lantern



LED Street



LED Downlight



Success Electronics & Transformer Manufacturer Sdn Bhd (200853-K)

A wholly owned subsidiary of Success Transformer Corporation Berhad.



ISO9001

No. 3, 5, & 7 Jalan TSB 8, Taman Industri Sungai Buloh, 47000 Sungai Buloh, Selangor Darul Ehsan, West Malaysia.

T 603-6157 2788 / 2785 / 2787 **F** 603-6157 2722 / 2723 **E** ses@success.com.my

The lighting laboratory is well equipped with high-end facilities enabling the team to fully test all the lighting products, including the energy efficient lighting in order to comply with the GREEN ENERGY product category standard. The company is moving towards renewable energy and energy efficient lighting products, such as solar and LED lightings.

Looking into the power products segment, Success is capable of producing power transformers up to 2MVA using the most advanced production technology. The products are designed and developed by experienced engineers. SUCCESS serves the clients by providing professional expertise. The workforce comprises professionals in their respective fields, who never hesitate to go the extra mile to exceed the customers' expectations.

No matter what your lighting and power needs, SUCCESS can assist you to select the best and most cost-effective solutions.



Eco LED Highbay

Power Transformer

QPS[®]

Trusted Brand In Transformers



Lighting

Inductor

Automatic
Voltage
Stabilizer



Detuned Harmonic Circuit Filter Reactor

Other product range:

- Isolation Transformer
- K-factor Transformer
- UPS Transformer
- Marine Transformer
- Automatic Voltage Stabilizer
- SES Current Transformer (ASTA)



PROLITE™

Your trusted name in lighting



LED Highbay



LED Floodlight

- Floodlights
- High Bay & Low Bay
- Tennis Court Fittings
- Down Light
- Street Lantern
- HID Lamps
- Capacitors
- LED Luminaires

EURO ELECTRICAL SDN BHD

(160527-T)

No. 3, Jalan 20/16, Paramount Garden,
46300 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Tel: 603-7876 6510, 7876 6853, 7876 6708, 7876 6911
Fax: 603-7876 3748 E-mail: europj@streamyx.com



LED

LED

LED

LED

LED

State Associations News



Sabah Electrical Association
 Lot No. 3-3-R, Beverly Hills Plaza, Jalan Bundusan,
 88300 Kota Kinabalu, Sabah.
 Tel: +6088 - 712 358 Fax: +6088 - 717 358
 E-mail: pes233@tm.net.my / pes233sabab@gmail.com
 pes233@streamyx.com

Assisted Rural Wiring Scheme (ARWS) Contract Extension Briefing by SESB

Sabah Electricity Sdn Bhd (SESB) hold a briefing for Ketua Kawasan and the new contractors who are members of PES regarding ARWS community service project. It was held at Wisma SESB Kota Kinabalu on 14th August 2012. Standardisations for this project are emphasised with greater clarity as the previous contract was conducted in a different procedure for some areas. This new contract extension will expire by the end of March 2013.



At the briefing – PES President, Mr Woo Soo Poo; Vice President, Mr Wong Chee Sen; Secretary, Mr Lee Vui Ken and Datin Norzian Ismail, Ketua Jurutera Projek (Pembahagian) Sabah Electricity Sdn Bhd listening to the briefing by Engr Mohd Das together with 10 PES ARWS Contractors and Ketua-ketua Kawasan.

Briefing on ISO Certification by SIRIM Berhad

PES together with SIRIM Berhad jointly organised a briefing on how to obtain the ISO Certificate. It was held at the PES Office on 15th August 2012. PES members who have not obtained their certification are encouraged to get their own ISO Certificates.



At the briefing – PES President, Mr Woo Soo Poo; General Manager of SIRIM Bhd Sabah Branch, Hj Khairan Untoh; SIRIM Bhd Senior Executive, Puan Haidahyanti in the presence of trainers from SIRIM and PES members.

TEEAM Diamond Jubilee Dinner

PES was invited to attend the TEEAM 60th Anniversary Dinner on 8th September 2012 which was held at One World Hotel, Petaling Jaya. Big compliments to TEEAM for their tremendous achievement in upholding issues not only related to the electrical field but also on the environment. These efforts are beneficial, especially to the members.



Great party – (right) Mr Woo Soo Poo (PES President) posing with (centre) Mr Peter Lu and Mr Andrew Lu of Powerpoint Electrical Sdn Bhd from Kuching.

NIOSH Hari Raya Aidilfitri Open House

In conjunction with the celebration of Hari Raya Aidilfitri, PES was invited by the National Institute of Occupational Safety and Health (NIOSH) to attend their Open House on 10th September 2012, which was held at The Palace Hotel, Kota Kinabalu, Sabah. For the past two years PES and NIOSH had jointly organised at least 6 courses for PES members to obtain their safety passports.



Friendship – (centre) PES President, Mr Woo Soo Poo and PES Committee Member, Mr Foong June Choy (right) posing with NIOSH Executive, Sabah and F T Labuan Office, Mr Muhammad Fadhil Abu Bakar.

Visit to Palliative Care Unit, Kota Kinabalu

Palliative Care Association Kota Kinabalu (PCA) is a Non Governmental Charitable Organisation working closely with the Palliative Care Unit (PCU) of Queen Elizabeth Hospital. PES had visited the PCU on 20th September 2012 to find out the actual condition of the PCU which was reportedly facing difficult conditions as most of the air conditioners there were not functioning and as a result, it is difficult for patients to find comfort resting in the wards. PES is very grateful to provide some assistance to the PCU by replacing 3 units of air conditioner in the ward. Thanks also go to Topaire Sales and Service for their generosity in donating the air conditioners.



For the album – PES Treasurer, Mr Lai Tet Vui and Topaire Branch Assistant Manager, Mr Woo Soo Kit posing with Dr Chitra and PCU staff nurse together with Mr Lai's workers.



Made in Italy

Audible and visual warning devices



Industry - Security - Marine and Explosion-Proof

Sole Distributor:

東源電器機械有限公司

THUNG GUAN ELECTRICAL MACHINERY SDN. BHD. (71574-X)

Kuala Lumpur Main office

No. 8 & 10, Jalan Gandek, Off Jalan San Peng, 55200 Kuala Lumpur, Malaysia.

Tel: +603-9221 1811 (4 Lines), 9211 1819, 9 221 1910, 9222 2090 Fax: +603-9222 9014

E-mail: sales@thungguan.com / damonyeoh@thungguan.com.

Klang office:

No. 54, Lebuhr Merpati, Off Jalan Meru, 41050 Klang, Selangor. Tel: +603-3341 4101 (H/Line) Fax: +603-3341 4077



Courtesy Visit to Sabah Electricity Sdn Bhd (SESB)

On 7th January 2013, PES paid a courtesy visit to SESB Managing Director, Ir Hj Abd Razak Sallim at Wisma SESB, Kota Kinabalu. PES extended an invitation to Ir Razak to attend the PES 16th Anniversary Dinner as a special guest. With much apology he was unable to attend. However he will be represented by Senior General Manager (Pengurus Aset) of SESB, Ir Ahmad Fuad Md Kassim.



Thank you – SESB Managing Director, Ir Hj Abd Razak Sallim receiving a souvenir from PES President, Mr Woo Soo Poo. Looking on are PES 16th Anniversary Dinner Chairman, Mr Muhamed Zulfikar Ahmad; Senior General Manager (Pengurus Aset) SESB, Ir Ahmad Fuad Md Kassim; and SESB Official.

PES 16th Anniversary Dinner

With the theme for the night “1 PES OVERCOME CHALLENGES”, PES had, once again, successfully organised its 16th Anniversary Dinner celebration on 19th January 2013 at the Hakka Association Hall, Tanjung Lipat, Kota Kinabalu, Sabah. Gracing the celebration was YBhg Tan Sri Datuk Dr Ahmad Tajuddin Ali, the Chairman of Suruhanjaya Tenaga as Guest of Honour. TEEAM President, Engr Fu Wing Hoong and Ir Ahmad Fuad Md Kassim, Senior General Manager of SESB were Special Guests for the night. Also present to grace the occasion were Members of Energy Commission, Datuk Ir Peter Lajumin and Datuk Mohd Nasir Bin Ahmad. During the dinner, a sum of RM 10,000.00 was donated to the Palliative Care Association of Kota Kinabalu and Book Prizes of RM300 each were presented to 10 Electrical students from various IPTA, including University Malaysia Sabah (UMS), Politeknik Kota Kinabalu, Institut Latihan Perindustrian (ILP), and Institut Kemahiran Mara (IKM) Sabah. About 1,000 people comprising PES members, family members and friends attended the dinner.



Book Prize – Guest of Honour, Chairman of Suruhanjaya Tenaga, YBhg Tan Sri Datuk Dr Ahmad Tajuddin Ali presenting the Book Prize to one of the IPTA Students. It was witnessed by PES President, Mr Woo Soo Poo.



Seating from left - PES Technical Advisor, Ir Dr Jacob Yan Ngai Nen; Vice President Kota Kinabalu Chinese Chamber of Commerce & Industry (KKCCCI), Mr William Chia Vui Liam; PES Immediate Past President, Mr Chung Kee Hung; PES Special Guest Senior General Manager of Sabah Electricity Sdn Bhd, Ir Ahmad Fuad Bin Md Kassim; Special Guest, TEEAM President, Engr Fu Wing Hoong; PES President, Mr Woo Soo Poo; Guest of Honour and Chairman of Suruhanjaya Tenaga, Yang Berbahagia Tan Sri Datuk Dr Ahmad Tajuddin Ali; Organising Chairman Mr Muhamed Zulfikar Ahmad; Datuk Ir Peter Lajumin, Board Member of Energy Commission; Datuk Mohd Nasir Ahmad, Board Member of Energy Commission and PES Legal Advisor, Datuk Lee Chuen Wan. **Standing from left** – Committee Member, Mr Roslan Serin; PES Assistant Secretary, Mr Aldrin Wong; PES Committee Member, Mr Clarence Chong; PES Vice President, Mr Chin Fui Ming; PES Vice President, Mr Wong Chee Sen; Committee Members; Mr Leslie Jon; Mr Alexander Richard, Mr Foong June Choy, Mr Bunny Teh and Mr Arius Yu.



Caring Society – PES President, Mr Woo Soo Poo presenting a mock cheque of RM10,000.00 to Dr Citra from Palliative Care Association during the dinner.

PES Fellowship Golf at DBGCC

On the 20th January 2013 at Dali Bay Golf and Country Club, at least 32 golfers comprising PES members and friends participated in the PES Fellowship Golf held in conjunction with the PES 16th Anniversary Dinner Celebration. PES had invited the Chairman of Suruhanjaya Tenaga, YBhg Tan Sri Datuk Dr Ahmad Tajuddin Ali and Datuk Mohd Nasir Ahmad, Board Member of Energy Commission as PES Guests to join the event.



Fellowship – Group photo of enthusiastic golfers.

New Series **Metasol**

LSIS

LSIS introduces an extensive line of automation, control and power distribution products - all designed, manufactured and tested with cutting edge technology to meet extreme environmental conditions and global specification requirements.



Product Overview

LSIS has been the market leader for industrial control and automation products in Korea for decades and is now offering these advanced technology products in North America. For information on their complete line of PLCs, AC Inverter drives, HMIs, Motor Control or Switchgear products, please contact one of our authorized distributors listed below or visit our website at eng.lsis.biz



Contactors & Breakers



AC Drives



PLC & HMI

Authorized Distributor:

SUN POWER AUTOMATION SDN BHD (639503-W)

Lot 1554, Kampung Jaya Industrial Area, 47000, Sungai Buloh, Selangor, Malaysia.

Tel: 603-61577555 Fax: 61577666 E-mail: general@sunpowerholdings.com.my

LSIS



SUN POWER SYSTEM SDN BHD

Leader In Electrics & Automation

Power Transmission & Distribution

LS Cast Resin Transformer



Capacity (KVA)
Single Phase
20 ~ 2,000KVA

Capacity (KVA)
Three Phase
50 ~ 8,000KVA



Rated Voltage: Up to 36kV
Rated Frequency: 50, 60 Hz
Conductor: Copper,
Aluminum
Insulation Class: B, F, H



Applicable standards:
IEC60076-11
ANSIC57.12.01



% Impedance Voltage ANSI Standard 5.75%
(Others are available by request) IEC Standard 4 ~ 6.00%

Authorized Distributor

SUN POWER SYSTEM SDN. BHD. (799482-W)

Lot 1554, Kampung Jaya Industrial Area, 47000, Sungai Buloh, Selangor, Malaysia.
Tel: 603-615 77 555 Fax: 603-615 77 666 E-mail: sun_power_system@yahoo.com

LS IS



Eco+P
Renewable Energy Solutions

Specilaised on:



TTR- Cast Resin Transformer

Service: -Step Down distribution transformer suitable for general use.
-Step Up transformer for Bio gas engine.
-Step Up transformer Photovoltaic service for solar plant.
-For all 11kV-275kV.



TTH-Air insulated transformer

Service: All 11kV-36kV.



REACTORS

Service: All 11kV-36kV.



TTO-Oil Distribution Transformer

Service: -Step Down distribution transformer suitable for general use.
-Step Up transformer for Bio gas engine.
-Step Up transformer Photovoltaic service for solar plant.
-For all 11kV.



OTN/OTR/OTFF Power Transformer

Service: - Oil power transformer.
- Rectifier.
- Furnace.
- All 36kV-275kV.



Acceptable for government project



Kentritz Corporation Sdn Bhd (Co. No. 573007-D)

No: 38A, Jalan USJ 8/2A, 47610 UEP Subang Jaya, Selangor Darul Ehsan, Malaysia.

Tel: +603 5638 2881 Fax: +603 5636 2881 Email: kentritz@gmail.com

..... Continue State Associations News



Penang Electrical Merchants' Association

No. 171A, Malacca Street, 10400 Penang.
Tel: +604 - 229 0195 Fax: +604 - 228 4233
E-mail: pema@streamyx.com
Website: www.pema.org.my

Seminar between PEMA and Schneider

A one-day seminar between PEMA and Schneider Electric Sdn Bhd on IEC 61439 LV Switchboard Type Test was organised by our Technical Committee Chairman, Ir Lee Weng Keen at the Vistana Hotel, Penang on 10th October 2012. The short course covers an introduction to IEC 61439 LV Switchboard type test for type test assemblies. It emphasises on why we need standards for assemblies and why new tests are required and the changes between the old and new standards. The speaker was Mr Francis Wong Chee Meng, Vice President of Schneider Electric. In conjunction with the seminar, Mr Abdul Aziz Abdul Rahman, Senior Regulator of the Energy Commission also presented a one-hour talk on Electrical Safety in Electrical Installations. The seminar successfully drew 100 participants. CIDB and the Board of Engineers have approved the seminar for 10 CCD points and 6 CPD hours respectively.

PEMA Chinese New Year Open House

PEMA organised a Chinese New Year open house on 17th February 2013. Members, Trustees and Advisors of PEMA and family members were invited to join in the occasion. Lions dance was presented and a sumptuous buffet lunch was served. Angpows were distributed to all children by PEMA President, Trustees and Advisors. It was a joyous occasion for all.



Gong Xi Fa Cai! – PEMA Officials extending greetings.

PEMA Walkathon

The PEMA Walkathon 2012 was successfully held at the Air Itam Dam on 4th November 2012. It was headed by the Recreation Committee Chairman, Mr Lim Kim San. More than 200 participants consisting PEMA advisors, trustees and members' families and employees participated in the event. The objectives were to foster closer relationship, instill health consciousness and exercise, have fun, meeting people and inspire our cause for a greener, cleaner and healthier lifestyle. There were T-shirts and goodies for all participants and attractive lucky draw prizes for the lucky winners. It was a joyous occasion where all mingled in the spirit of PEMA sportsmanship.



Overwhelming event – Well participated by members.



The Perak Electrical Association

No. 12-A, Jalan Datuk Mahmud,
31650 Ipoh, Perak Darul Ridzuan.
Tel: +605 - 254 1502 Fax: +605 - 250 9145
E-mail: multi99@streamyx.com

TEEAM Diamond Jubilee Dinner

A delegation from Perak Electrical Association (PEA) attended TEEAM Diamond Jubilee Dinner on 8th September 2012 at One World Hotel.

It was a good event to foster fellowship among PEA and TEEAM members.



Support from PEA – The Perak Electrical Association (PEA) President, Mr Teoh Kim Fong (3rd from right) and his members at the TEEAM dinner. Centre is Ms Theresa Lam (TEEAM Council Member).

Networking at PES Dinner

Deputy President of PEA, Mr Chan Kaim Sam attended PES 16th anniversary dinner on 19th January 2013. He was glad to have the opportunity to foster fellowship with electrical contractors and suppliers in Sabah. Mr Chan attended the TEEAM Council Meeting which was held earlier of the day at PES premises.



Networking - (Seated second from right) Mr Chan Kaim Sam with PES members. Mr Francis Chew Joon Fah (in red batik) from Sarawak Electrical Association (SEA) also joined the occasion.

COOLZEN PANEL AIR CONDITIONER



Features

- Function of abnormality output
- Digital temperature control indicator
- Function of evaporation of condense water
- Use of environmentally friendly refrigerant

Typical Use

- Electronic panel which produces intense heat
- Electronic panel of Machine tools

Advantages

- Prevents high temperature & protects electrical part inside control box

Specifications	Type	Cooling Capacity (BTU, Kw)	Current	Weight (Kg)	Dimensions (W*H*D)	Installation	Drain Method
WPA-300	S	1080, 0.32Kw	1.8A	20	280*494*180	side mounting	Hose
WPA-500	S	2000, 0.59Kw	3.0A	24	320*600*205	side mounting	Hose
	SE	2000, 0.59Kw	5.7A	27	320*706*205	side mounting	PTC heater
WPA-800	S	3200, 0.93Kw	4.8A	35	380*770*205	side mounting	Hose
	SE	3200, 0.93Kw	7.5A	38.5	380*876*205	side mounting	PTC heater
WPA-1000	S	4000, 1.17Kw	4.8A	36	380*800*205	side mounting	Hose
	SE	4000, 1.17Kw	7.5A	39.5	380*908*205	side mounting	PTC heater
WPA-1500	S	6000, 1.75Kw	6.0A	48	420*1050*250	side mounting	Hose
	SE	6000, 1.75Kw	11.4A	52	420*1156*250	side mounting	PTC heater
WPA-2000	S	8000, 2.34Kw	6.0A	48	420*1050*250	side mounting	Hose
	SE	8000, 2.34Kw	11.4A	52	420*1450*265	side mounting	PTC heater
WPA-3000	S	12000, 3.52Kw	10.8A	65	500*1450*265	side mounting	Hose
	SE	12000, 3.52Kw	16.2A	69.5	500*1556*265	side mounting	PTC heater
HPA-500	S	2000, 0.59Kw	2.5A	24	350*443*180	side mounting	Hose
	SE	2000, 0.59Kw	5.2A	27	350*549*180	side mounting	PTC heater
	R	1920, 0.56Kw	2.5A	25	320*244*460	top mounting	Hose
HPA-1000	S	4000, 1.17Kw	4.1A	36	435*610*235	side mounting	Hose
	SE	4000, 1.17Kw	6.8A	39.5	435*716*235	side mounting	PTC heater
	R	4000, 1.17Kw	4.1A	37	438*267*508	top mounting	Hose



ARI ELECTRIC SDN. BHD.

(Co. No. 461513-W)

No. 37-2, Jalan OP 1/2, Pusat Perdagangan One Puchong,
Off Jalan Puchong, 47160 Puchong, Selangor Darul Ehsan, Malaysia.

Tel: +603-8071 6733 Fax: +603-8071 6933

Website: www.arielectric.com.my

Email: ricky.chong@arielec.com.my, andrew@arielec.com.my



Certificate No: SGB00891 MY06/0195

Distributor / Stockist for:

MATTAKE azbil
Factory Automation

Honeywell
Boiler & Burner Controls

FineTek
Level Sensors & Level Switches

SONDAR
Ultrasonic Level Sensor

TOWA
Level Controls, Dial Gauge /
Sounding Level Meter

TSURUGA
Panel Meter, Measuring
Instrument & Tester

TOFCO
Flow Meter, Checker,
Digital Meter

WELTEM
Coding Panel Unit

Pha
Soft Starter, Voltage Regulator,
Motor Controls

IBM
Radar Level Control

SanRex
Rectifier & Thyristor

SIEMENS
Inverter & PLC

aRi-T
Thermocouple & RTD Sensor

aRi-H
Industrial Heater

Koyo
PLC & Encoder

Ninomya
Thermocouple Wire

OMRON
Control Components, Sensor,
PLC

Top Cable
Control, Power & Instrumentation
Cable

rotronic
Temperature & Humidity
Instruments

SUNX
Sensors

MITSUBISHI ELECTRIC
Inverter & PLC

Raytek
Thermal Imaging System

KURABE
Heater Wire

PROJECTS
Control & System Projects