

Malaysia CIE National Committee News



TEEAM hosts and facilitates the Secretariat of the Malaysia CIE (International Commission of Illumination) National Committee (NCCIE). As a member of CIE, Malaysia can participate in international forums, develop lighting standards, take part in technical interactions with other international organisations to improve and upscale the Malaysian lighting industry. While NCCIE is the governing council of CIE Malaysia Chapter, MyCIE (Malaysia CIE) is the Working Committee that carries out the project works. Malaysia CIE National Committee is recognised and supported by Standards Malaysia.

Seminar on Light & Colour

A half-day seminar on Light and Colour was successfully organised on 22nd November 2011 at UNITEN. Speaker, Mr Mervin Woo from Konica Minolta Sensing Singapore Pte Ltd, spoke on light & colour measurement and types of measuring instrument and its application. The seminar ended with a very interactive Q&A session and it was well attended by 86 participants.

CIE Publications

The National Committee has purchased a list of CIE publications to help in the work of the various divisions. The CIE publications are now available in the TEEAM Library to be borrowed by members for reference.

MyCIE Logo Design Competition

A logo design competition was organised to design the MyCIE logo. MyCIE is the



NCCIE Chairman – Mr C T Siew chairing the National Committee meeting.

abbreviation for Malaysia CIE. MyCIE provides a platform for everyone who is interested in the science and art of light & lighting, colour & vision; and photobiology & image technology to network and exchange information to improve and upscale the Malaysian lighting industry. The best design will be selected by a Panel of Judges.

Certification of Lighting Professionals

The Committee is looking into various possibilities to certify lighting professionals as Lighting PE. It was highlighted that Malaysia is lack of parallel way of evaluation apart from academic qualification. The Committee will gather information from various lighting professional bodies to draw a path chart for the proposed certification.

Lighting Education

The Committee will organise quarterly seminar on lighting topics to create awareness and for the purpose of education. The seven division work groups will conduct the seminars on a rotation basis.

The next topic will be on Mesopic Photometry. An expert from UK, Ms Theresa Goodman who is the Chairman of CIE 191, has been invited for a presentation through webcasting. The Committee is currently making the facility arrangement with the kind assistance of MMU.

Hosting CIE Division Meeting

CIE has accepted Malaysia's offer to be the host for CIE Division 4 & 5 meetings in Kuala Lumpur in 2014. The Committee will be proposing a budget to Standards Malaysia and also appointing the Organising Committee to facilitate the arrangement. It will be a good opportunity to be exposed to international lighting forum and for the purpose of networking. Members will benefit from first hand information from industry experts and researchers.



Engrossed – Meeting conducted at UNITEN on 20th September 2011.



Smiles – Meeting conducted at Novabrite on 15th November 2011.



Attentive – Meeting conducted at TNB Research on 28th February 2012.

Division Work Groups

The following division work group heads have been selected and each group will conduct their own activities:

Division 1: Vision and colour (headed by Dr John See of QAV)

Division 2: Measurement of light and radiation (headed by Dr John See of QAV)

Division 3: Interior environment and lighting design (headed by Mr William Ooi of Osram)

Division 4: Lighting and signaling for transport (headed by Ms Lim Swee Yoong of Straits Design)

Division 5: Exterior lighting and other applications (to be combined with division 4)

Division 6: Photobiology and photochemistry (headed by Ir Rocky H T Wong, NCCIE Adviser)

Division 8: Image technology (headed by Dr Tan Ching Seong of MMU)



AFEEC/FAPECA Conference & Meeting in Seoul

The 2011 conference and meeting of the Asean Federation of Electrical Engineering Contractors (AFEEC) and the Federation of Asian Pacific Electrical Contractors Associations (FAPECA) were organised in Seoul, Korea. The event held on 4th & 5th October 2011 was hosted by the Korea Electrical Contractors Association.

This annual event drew participation from national associations, namely Association of Indonesian Electrical and Mechanical Contractors (AKLI), Hong Kong Electrical Contractors Association (HKECA), Korea Electrical Contractors Association (KECA), National Electrical and Communications Association, Australia (NECA Australia), Pacific Electrical Contractors Association (PECA), 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), and TEEAM. An individual member from Kokko Shisetsu Japan, Mr Tsuyoshi Sakanishi was also present.

The conference themed “Green Energy Activities” was timely as green energy is an important industry to tap on. Hence collective effort is necessary to build a sustainable future with the incorporations of modern green technologies which are environment friendly and energy saving. Each country presented a paper on their green energy effort. The conference was beneficial as delegates had the opportunity to understand the green energy market and policies in the Asia-Pacific region.

The 49th AFEEC Council Meeting and 25th FAPECA Executive Board Meeting were convened smoothly. Members had the opportunity to exchange views on issues



All smiles – Delegates posing after the FAPECA Board Meeting.

affecting members, current engineering practices and global trends. The election of AFEEC office bearers was also held. Mr John Tan of SECA succeeded to be the new President of AFEEC for the year 2011-2014. He appointed Mr Edward Kway to be his Secretary General. TEEAM was elected to the post of Treasurer which will be assumed by the President, Engr Fu Wing Hoong.

FAPECA also saw the change of office bearers for the new term of 2011-2014 with the Presidency handed to Mr William Chan of HKECA. Mr Choi Gil Soon of KECA accepted the post of Vice President. Mr Lau Chun Kay will be invited to take over the post of Secretary General after the retirement of Mr George Ko of HKECA.

A business matchmaking session was also organised with the support of Korea Electric Power Company (KEPCO). Delegates had the opportunity to meet Korean manufacturers of T & D equipment.

The 24th Electrical Skills Competition of KECA was also organised during that time to promote workmanship and skills of workers from KECA members. Delegates were invited

to witness the competition which saw 160 contestants vying for the championship of four events namely overhead line, underground line, power control and interior line. The delegates were impressed by the contestants’ skill proficiency and dedication.

TEEAM delegates wish to record their gratitude to KECA for all the arrangement and their warm hospitality. The event was a fruitful meet to renew friendship, establish new contacts and exchange information on a broad spectrum.

The 2012 event will be held in Hong Kong on 4th & 5th June 2012.

New Office Bearers for the year 2011-2014

AFEEC
 President : Mr John Tan (SECA)
 Vice President : Mr Adang Rachman (AKLI)
 Secretary General : Mr Edward Kway (SECA)
 Treasurer : Engr Fu Wing Hoong (TEEAM)
 Director : Mr Arthur Escalante (SPECS)
 Director : Mr Taksin Watcharawittayakul (TEMCA)

FAPECA
 President : Mr William Chan (HKECA)
 Vice President : Mr Choi Gil Soon (KECA)
 Secretary General : Mr Lau Chun Kay (HKECA)



Friendship – (from left) Mr John Tan (newly elected AFEEC President), Ir Steven Ng Khoon Hwa (TEEAM Deputy President), Ir Chew Shee Fuee (TEEAM Vice President) and Mr Edward Kway (newly appointed AFEEC Secretary General).



Thank you – (left) Ir Chew Shee Fuee (TEEAM Vice President) presenting a memento to the host, Mr Choi Gil Soon (KECA President).

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



TEEAM delegation – (from left) Ir Chew Shee Fuee (Vice President), Ir Steven Ng Khoon Hwa (Deputy President) and Ms Winnie Khong (Executive Secretary).



“Gun Bae” – Delegates toasting Korean rice wine at the KECA Headquarters reception.



Ir Chew Shee Fuee – TEEAM Vice President presenting a paper on Green Energy & EE in Malaysia.



KECA Skill Competition – Contestants competing in the overhead lines event.



Entertaining – Korean artists playing some musical instruments during the welcome dinner.



Warm welcome – Delegates posing for a group photo at KECA Headquarters.



Happy time – Delegates bidding farewell.





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TEEAM Specialised Group – Engineering Construction & Services

by the Chairman, Ir Chew Shee Fuee.

AOTS Energy Efficiency Training in Japan 2011

The training in Energy Efficiency (EE) with AOTS was scheduled on 26th Sept to 7th Oct 2011. This was the fourth time for TEEAM to organise the event and it is becoming more relevant in view of the government’s intention to promote EE & RE. The course had been well received for the last 3 years but due to the nuclear disaster in Japan we eventually only had 7 participants in 2011. We are grateful to AOTS for fulfilling the training with a number well below their usual minimum. We will continue to organise the training if it is available in 2012.

Proposed Best Electrical Contractor Award

The Council proposed to present “Best Electrical Contractor Award” in the coming TEEAM dinner on 8th September 2012. The award is to give due recognition to electrical contractor for most outstanding performance. The award is for TEEAM members only. Application form and panel of judges are currently in progress.

Cover for Street Lighting Poles

Lighting poles without covers are found in many areas and posed danger to the public. The Committee will take up as a community service project to cover the poles and it was agreed by the Council. The project is still in progress. It is agreed that plastic covers of similar size and colour to replace the original ones will be most ideal. Consultants, JKR and local authorities will be contacted to specify the plastic covers.

Power Factor Improvement

Due to the impact of the TNB meter disputes, TNB had slowed down the replacement of meters. The take up rate for Power Factor (PF) improvement for shops had been very slow. The meter replacement exercise will take place from now on. Names of TEEAM members who are vendors for the power factor cabinets had been forwarded to TNB.

Regarding TEEAM’s proposal to have tariff that will encourage improvement of PF from 0.85 onwards, we are still awaiting positive action from the Ministry.

TNB Electricity Supply Application Handbook (ESAH), 2011

TNB’s new application handbook is now available in TNB website.

TNB’s Proposal for Service Providers to Provide Residential Fault Finding and Repair

TNB has been providing services to residential houses in the event of power failure. TNB is requesting for TEEAM to provide names of service providers so that the Utility can inform their consumers to contact when they require such services. We appreciate if members can contact TEEAM if you are willing to provide such service. The cost of the service will be left to the consumer and the service provider.



Ir Chew Shee Fuee

TNB’s New Metering Scheme for Multi-Storey Commercial Buildings

TNB and ST have come up with a new scheme of metering for multi-storey commercial buildings. Tenant electricity meter fees will be collected by building management. The management will get bulk supply from TNB. This will resolve the problem of providing maintenance of the electrical system up to the tenant meter. New buildings under the scheme will be designed to the new requirements.

Standby Generator On-load Test

The Committee was informed that standby generator in hospitals are now required to perform on-load test at monthly intervals. Ir Chew proposed a scheme to allow synchronising gen-set supply to the mains supply thus avoiding the momentary power failure to essential supply. Moreover the scheme will in future provide vital source of supply in cases of brown out in the system.



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



For the album – TEEAM delegates posing with (left) Mr James Kang (KECA Manager) at the welcome dinner.



Cheers! – Delegates having a great time at the farewell dinner.





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TEEAM at Asean Elenex

The 9th international exhibition of transmission & distribution and electrical engineering for the Asean region, Asean Elenex 2011, was held from 20th to 23rd July 2011 at Kuala Lumpur Convention Centre. It was held along with Industrial Automation 2011. The exhibition was organised by Malaysian Exhibition Services Sdn Bhd (MES) and TEEAM was one of the supporting organisations. The 4-day event attracted 510 companies from 36 countries. There were national pavilions from Germany, Romania and Singapore.

The opening ceremony was officiated by YB Dato' Sri Peter Chin Fah Kui, Minister of Energy, Green Technology and Water, Malaysia. Other VIPs who were present were YBhg Tan Sri Datuk Dr Ahmad Tajuddin Ali (Chairman of Energy Commission), Pn Adeline Iskandar (Vice President of Corporate Affairs, TNB), and Tn Hj Hussin Othman (Chairman of CIRED Malaysia).

Besides local visitors, the event also attracted trade visitors from Australia, Brunei, China, Germany, Hong Kong, India, Indonesia, Iran, Japan, Korea, Pakistan, Russia, Singapore, Sri Lanka, Taiwan, Thailand, United Arab Emirates, UK, USA and Vietnam. The event provided a good platform for the industries to meet, network and keep abreast of the changing technologies.

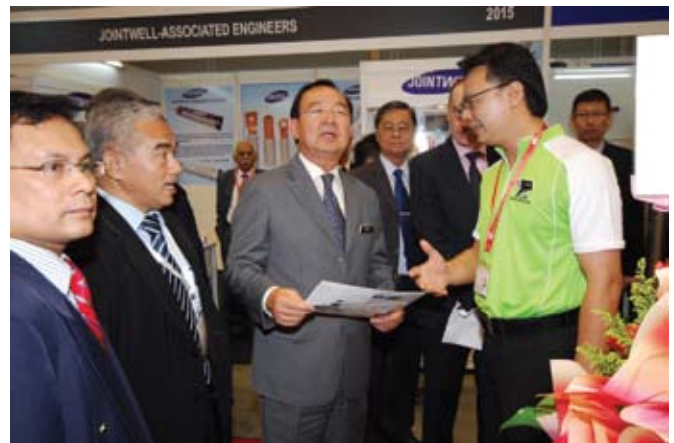
Two high quality national conferences on Electrical Safety and Smart Grid were successfully organised. Other technical seminars by selected exhibitors were also opened to all trade visitors.

TEEAM organised a Council meeting during the exhibition to provide opportunity to the Council members to view the latest technology and products, and establish business contacts. TEEAM expressed the Council's gratitude to MES for hosting the meeting.

The next exhibition, Asean Elenex 2013 will be held from 20th to 23rd March 2013 at Kuala Lumpur Convention Centre.



All smiles – TEEAM Council Members & Adviser and PEA members at the exhibition.



VIP visit – (right) Mr C T Siew giving an explanation to YB Dato' Sri Peter Chin Fah Kui (Minister of Energy, Green Technology & Water).



Congratulations! – (left) Engr Fu Wing Hoong (TEEAM President) presenting an Honorary Fellowship award to Ir Rocky H T Wong.



TEEAM Council meeting – Council members sharing a light moment.



Networking – (from left) Mr T Sundararaju (TEEAM Council Member), Mr V Perumal (TEEAM Education Chairman), Ir Rocky H T Wong (TEEAM Technical Adviser), Mr Vincent Lai (TEEAM Committee Member), Ir Ng Kam Weng (TEEAM Committee Member) and Ir Chew Shee Fuee (TEEAM Vice President).



TEEAM booth – Secretariat staff, Ms Clover Tay manning the booth.

..... Continue TEEAM at Asean Elenex

Snapshots of TEEAM members at Asean Elenex



..... Continue TEEAM at Asean Elenex

Snapshots of TEEAM members at Asean Elenex





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Networking Dinner with the Press

Networking

TEEAM hosted a networking dinner with the Press on 21st March 2012 at Oriental Banquet Restaurant, Petaling Jaya. This annual event is to keep the close working relationship going and to update the Press with news on the development of the electrical and electronics industry. The Press representatives who attended were from Nanyang Siang Pau, Sin Chew Daily, the China Press, Kwong Min Daily and Kwong Wah Press. In attendance were Corporate Communications Managers, Public Relations Executives, Chinese Guilds Affairs Officers and Senior Sales Representatives.

TEEAM President, Engr Fu Wing Hoong together with nine senior TEEAM officials played host. Engr Fu thanked the Press for their tremendous support over the years in terms of publicity on common issues faced by members and TEEAM's activities.



Cheers – (from left) Ms Lee Swee Chun of Sin Chew Daily, Ms Emily Hew of Kwong Wah Press, Mr Low Kon Sin of Sin Chew Daily and Engr Fu Wing Hoong, TEEAM President.



Yum seng – TEEAM officials toasting with Press members.

Press Release

TEEAM took the opportunity to highlight the current issues to the Press.

Government's Proposal for Minimum Wages

While TEEAM supports the Government's proposal to implement the national minimum wages, we are concerned that the proposed minimum wage of between RM800 to RM1,000 would result in huge and sudden increase in wages and labour related costs. Most of our manufacturing members will be affected.

We request that the Government defines "Minimum Wage" which we called "Basic Salary". An employee has a much higher "Take Home Pay" after including overtime, incentives, allowances and bonuses. Many of our employees are drawing basic salary of RM600 to RM700 and enjoying overtime, incentives and allowances which come to around RM900 to RM1,800 of take home pay.

Raising the basic salary will have a multiplier effect on labour related cost. Labour cost constitutes about 20% of manufacturing cost and by raising the minimum wage from RM600 to RM900 for example will constitute

a 50% raise in wage and this will translate to a drastic increase of labour cost by 10%. It is hard to come by nowadays for any company to have a return of even 7% net profit on revenue.

Hence, companies surviving on thin profit will be wiped out unless they increase their selling price accordingly. Those who are unable to increase their selling price will have to absorb the substantial increase in production cost which will force them to close down and this leads to layoffs. TEEAM is concerned that the minimum wage policy may have severe negative implication on the national economy both in short and long term.

TEEAM is of the view that any increase in wages must be linked to an increase in productivity which is achieved through training and upgrading of skills. As productivities need time to be achieved, the minimum wage increase should not be drastic but likewise be staggered.

Another aspect to be of concern is the geographical location of the employment place. As the cost of living differs from town to town and between rural and urban areas, the quantum of minimum wage must be differentiated.

Technical Report on Suitability of LED for Road Lighting in Malaysia

A Working Group was established consisting of stakeholders, lighting experts, academia and consultants to evaluate the suitability of LED light source for road lighting.

The Working Group has finalised its study and came up with a technical report that gives recommendations on the suitability of LED for road lighting in Malaysia. The conclusion from the report is that LED innovation can be offered as an alternative light source in many lighting areas; however, there is no advantage at the moment in using LED for road lighting with the present best technology. In fact it uses 10 to 15% more energy, and cost wise it is more expensive by 2 to 5 times, and it is 5 to 12.5 times more expensive on the maintenance cost over a 20-year life span usage. This report is the first edition and it will be reviewed by the Working Group every 4 to 6 months depending on the development in LED technologies.

Instantaneous Water Heater – Electrocutation Due to Electric Leakage

TEEAM advises the public to immediately replace all chrome type or metalised plastic shower head and metallic hose of instantaneous water heater to rubber/non conducting type. Experiments have proven that non conducting shower head and hose reduced the leakage current to very low and safe levels after the 1 m hose even with flowing portable water.

The public should ensure that water heaters installations are carried out by qualified or competent personnel licensed by the Energy Commission.

For additional safety feature, the public can install an external Residual Current Device (RCD) rated at 10 mA for each water heater circuit on top of the already built-in device inside the water heater.

Energy Saving Devices

Gadgets advertised and sold as Energy Saving Devices (ESD) in the market claiming to reduce one's electricity bill is misleading. These gadgets are just capacitors which can reduce the electric current flow in AC Inductance circuits as demonstrated in the

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..... Continue Networking Dinner with the Press

shopping centers. Such misrepresentations mislead consumers into thinking that it reduces electricity consumption, hence reduces electricity bill. These gadgets which have capacitors that improve power factor are not necessary for domestic households as these consumers are not subject to low power factor surcharge unlike industrial and commercial consumers. Hence, TEEAM repeats and emphasises the Energy Commission's and SIRIM's advices that the public not to be misled by the marketers of such gadgets.

In fact everyone should start building a culture towards energy saving habits at home and office, such as switching off the lights/appliances when not in use; replace existing light bulbs with energy saving bulbs; use more energy efficient fridge & air-conditioner (choose higher star rating equipment instead of just according to price); setting air-conditioner temperature to no lower than 24 degree C; encourage quick shower instead of baths as less hot water is used; run full load when operating washing machine; iron large batch of clothing at one time to avoid wasting energy in reheating; etc.

Street Lighting Pole Cover

Missing street lighting and compound lighting pole covers in public areas is a real problem in Malaysia. Such petty thefts and/or vandalism exposed the live wires inside the lighting pole and pose a danger to the public, especially children playing in public parks. The metal

covers are stolen and sold as scrap metal by the vandals. TEEAM is making attempts to cover the poles with plastic covers to avoid untoward accidents from happening. TEEAM will be approaching manufacturers to produce street lighting pole with covers made of fibre glass material to prevent theft. The covers are to be labeled "Plastic" to deter theft/vandalism.

Breakdown Rectification Work Within Consumers' Premises

TEEAM has been informed by TNB that the Utility will not be carrying out breakdown rectification works within the consumers' premises in the near future. TNB does not see this kind of service as their core business.

Therefore, TNB is approaching TEEAM members to provide such service and consumer will pay direct to contractors.



All smiles – TEEAM building closer ties with Nanyang Siang Pau and the China Press members.



Happy gathering – TEEAM officials with representatives from Sin Chew Daily.

In the event TNB breakdown team has identified the cause of outage is due to defective electrical equipment, they will notify the consumers to contact service providers. TEEAM members who are willing to provide such service will be made known to TNB.



Heartiest Congratulations



to
Our Member
Datuk Philip Thien Tung Fah
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which carries the title **DATUK WIRA**
by
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In conjunction with
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From
The Council & Committee of



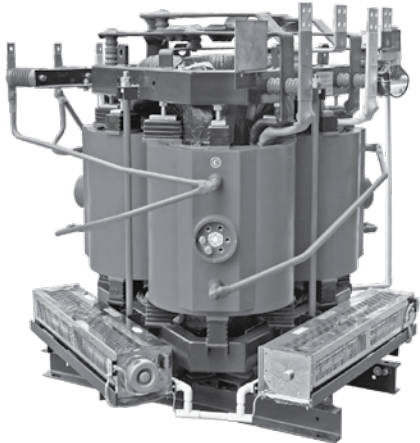
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Oil & Gas



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ASEAN Elenex Exhibition



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Table Tennis Tournament

An inaugural table tennis tournament was successfully organised by TEEAM on 8th January 2012 at Section 14 Rukun Tetangga, Petaling Jaya. It was a day filled with excitement and fun. The objective of fostering fellowship among the staffs of TEEAM members' companies was no doubt accomplished. A total of 30 singles' players competed for the championship. They are staff members of:

- Autovation Sdn bhd
- Bond M & E Sdn Bhd
- Conway Terminals Manufacturer Sdn Bhd
- EITA Resources Berhad
- Electrical Components Sdn Bhd
- Omron Electronics Sdn Bhd
- Program Electronic Sdn Bhd
- SBS Elektrik Sdn Bhd
- Shaman Sdn Bhd
- Yuan Ming Electric Sdn Bhd

Terasaki Electric (M) Sdn Bhd had generously sponsored t-shirts for the players.



Champion – (right) Mr Tan Kok Heng (Conway Terminals Manufacturer Sdn Bhd) receiving a trophy and Jaya Jusco Vouchers from Engr Fu Wing Hoong (TEEAM President)



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



Energetic players in action – The inaugural table tennis tournament attracted many players.

Table Tennis Tournament Results

Singles Event

Champion

Tan Kok Heng
Conway Terminals Manufacturer Sdn Bhd
Trophy & Jaya Jusco Vouchers RM200

1st Runner-up

Lim Yau Wah
Yuan Ming Electric Sdn Bhd
Trophy & Jaya Jusco Vouchers RM100

Semi-Finalist

Wong Jiann Shyong
EITA Resources Berhad
Trophy & Jaya Jusco Vouchers RM50

Semi-Finalist

Wong Siew Heng
Yuan Ming Electric Sdn Bhd
Trophy & Jaya Jusco Vouchers RM50

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Congratulations! – The jubilant winners with TEEAM officials.



Nervous moment for final – (from left) Mr Jack Soon Lee Hock (TEEAM Sports Committee Member & Referee), Player Mr Lim Yau Wah (Yuan Ming Electric Sdn Bhd), Engr Fu Wing Hoong (TEEAM President), Player Mr Tan Kok Heng (Conway Terminals Manufacturer Sdn Bhd) and Mr Fong Mun Loon (TEEAM Sports Committee Member).



Semi finalist – (right) Mr J S Wong (EITA Resources Berhad) receiving a trophy and Jaya Jusco Vouchers from Engr Fu Wing Hoong (TEEAM President).



Semi finalist – (right) Mr Wong Siew Heng (Yuan Ming Electric Sdn Bhd) receiving a trophy and Jaya Jusco Vouchers from Engr Fu Wing Hoong (TEEAM President).



1st Runner-Up winner – (right) Mr Lim Yau Wah (Yuan Ming Electric Sdn Bhd) receiving a trophy and Jaya Jusco Vouchers from Engr Fu Wing Hoong (TEEAM President).





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Seminar on Route to Become a MIEM/P.ENG

A half day seminar on “Route to Become a MIEM/P.ENG” was successfully organised by TEEAM on 22nd October 2011 at Hotel Singgahsana, Petaling Jaya. It was conducted by a very experienced speaker, Ir Rocky H T Wong, who is also the Technical Adviser and Honorary Fellow of TEEAM. TEEAM Deputy President, Ir Steven Ng Khoon Hwa was present to give a welcome address. The seminar topic covered “What it takes to becoming a professional engineer” by attaining an engineer’s first professional qualification viz MIEM (Members of the Institution of Engineers Malaysia). After which one can then apply to BEM (Board of Engineers Malaysia) to be registered as a P.Eng (Professional Engineer), thus gaining the right to use the “Ir” (Engineer) title.

29 participants benefited from the seminar, which ended with an interactive Q & A session. The event was very informative to all the participants.



Attentive – Participants listening to Ir Rocky H T Wong’s explanation.



Thank you – (left) Speaker, Ir Rocky H T Wong receiving a token of appreciation from Ir Steven Ng Khoon Hwa (TEEAM Deputy President).



Ir Steven Ng Khoon Hwa – TEEAM Deputy President giving a keynote address.



Mr Jack Soon Lee Hock – Master of Ceremony welcoming the participants.



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Seminar on SLDN and PPT

TEEAM in collaboration with the Department of Skills Development (JPK) had organised a half-day Seminar on National Dual Training System (SLDN) and Recognition for Prior Achievement (PPT) on 20th October 2011 at Hotel Grand Continental Kuala Lumpur. This seminar was organised to enlighten the industries, private/government training institutions, and workers on the benefits of SLDN and PPT. The speaker was Mr Ahmad Supawi Osman, Assistant Director of JPK of the Human Resources Ministry.

National Dual Training System (SLDN)

The National Dual Training System is an industry-oriented training that combines workplace and institutional training. School leavers or existing workers who meet the criteria can be offered as apprentices by a sponsoring company to undergo training. A contract is signed between the company and the apprentices prior to the training. Apprentices are given certain amount of allowance throughout the training by the company and are obliged to work with the company upon completion if they are offered employment.

In the SLDN, the practical or hands-on skills training is conducted in workplaces by selected coaches of the company, whilst the theoretical class and basic skills training in the training centre is undertaken by the centre's instructors.

Skill and knowledge assessment will be conducted continuously and the apprentice is expected to get through the assessment as well as the final test which will be conducted at the end of training programme. Successful apprentices will be awarded with the national skills qualification by JPK.

Duration of training is between six to eighteen months depending on certification level required by the company. Practical training comprises 70% of whole duration at workplace and theory is 30% at the training centre. Participation in the SLDN will ensure apprentices are trained to become k-workers.



TEEAM members posing with speaker – (from left) Mr Lim Beng Hooi, Ir Lim Kim Ten, Mr Perumal Vengadasalam, Mr Ahmad Supawi Osman, Ms Priscilla Liew and Mr Chong Yoon Koon.

Recognition for Prior Achievement (PPT)

Recognition for Prior Achievement is the answer for you if you have the skills and experience but lack of “a piece of paper”. Your skills and experience that you have can be transformed into a formal and recognised qualification. The skills and knowledge will be assessed based on selected National Occupational Skills Standard (NOSS) and you will be awarded a certificate.

A total of 100 participants attended the seminar and 10 were from TEEAM.



Speaker – Mr Ahmad Supawi Osman, Assistant Director of JPK.



Full attention – A cross-section of the participants.



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Press Mission to Bangkok RHVAC and E&E 2011

The Department of Export Promotion (DEP) under the Ministry of Commerce, Royal Thai Government, joined forces with the Air-Conditioning and Refrigeration Industry Club and the Electric and Electronics Industry Club of the Federation of Thai Industries to present Bangkok RHVAC and E&E 2011. Bangkok RHVAC 2011 was the 8th international exhibition on refrigeration, heating, ventilation and air-conditioning. Bangkok E&E 2011 was the 4th international exhibition on electric and electronics products. Both the events were held concurrently from 12th to 16th October 2011 at Impact Muang Thong Thani, Thailand.

TEEAM was invited by DEP to join an international press mission to cover both the events. As the Editor of Suara TEEAM was away on travelling during that time, TEEAM was represented by its Executive Secretary, Ms Winnie Khong. Press delegates were invited from China, Japan, Malaysia, Singapore and Vietnam.

His Excellency Mr Siriwat Kajornprasat, Deputy Minister of Commerce, Royal Thai Government presided at the opening ceremony. Bangkok RHVAC 2011 was organised under the “Green Innovations for Better Life” concept, while Bangkok E&E 2011 was held under the conceptual idea of “Save Energy = Save the World”. These concepts were to convey the message of advanced technology that helps reduce energy consumption, while at the same time preserving the world to be sustainable.

An attraction at the event was a life-size energy saving house model featuring the latest eco-conscious innovations in air-conditioning and cooling system as well as electronic and

electrical appliances. This green lifestyle solution model by DEP attracted many visitors who were amazed by a comprehensive range of green home appliances, audio visual systems, IT devices and lighting solutions.

Bangkok RHVAC and E&E 2011 were well received. There were more than 6,000 visitors. It was reported that both Thai and foreign buyers were interested in air-conditioners, electrical appliances and electronics equipment manufactured by Thai companies. A record of immediate purchase of USD 3.51 million was reported and there was an expected purchase of USD 29.86 million within a year.

Beside visiting the above exhibitions, the Press delegates also had the opportunity to visit three Thai plants. They were:

- Star (Thailand) Co, Ltd. The company manufactures the most advanced technology air-conditioners including the universal type, wall mounted type, cassette type, window type, floor standing type and outdoor type.
- Kulthorn Kirby Public Co, Ltd. The company specialises in the manufacture



RHVAC and E&E 2011 – A cross section of the exhibition.



Visit to UCP – Press delegates posing with UCP officials.

of reciprocating motor compressors for domestic refrigerators, commercial refrigeration systems and air-conditioners.

- Amena Air Thailand (Unico Consumer Products Co, Ltd, UCP). The company manufactures high quality air-conditioners and fan coils for application with water chillers or water boilers for heating.

The 2013 Bangkok RHVAC and E&E exhibitions will be held from 9th to 13th October 2013.



Opening ceremony – Presided by His Excellency Mr Siriwat Kajornprasart, Deputy Minister Of Commerce, Royal Thai Government.



Grand opening – VIPs at the Bangkok RHVAC and E&E 2011.

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TEEAM Specialised Group – Trading

by the Vice Chairman, Mr Leonard Choong Kin Loong.

What does 2012 holds for us? The biggest question on people’s lips is “When will the General Election be?” It looks like this is the most common topic during our daily “kopi-o” session. How did the economy fare in 2011?

In the first half of 2011, we saw the GDP expanded by 4.4 percent while the third quarter showed that Malaysia’s economy advanced to a 5.8 percent growth. The key contributors to this growth were in the Services and Manufacturing sectors.

The Services sector remained as the key driver of Malaysia’s economy by recording 7.0 per cent growth. The favourable performance was led by the Wholesale & Retail Trade sub-sector which has reached 9.0 per cent. The Communication and Transport & Storage sub-sectors strengthened at 8.7 and 6.1 per cent respectively. The Communication sub-sector was mainly spurred by the telecommunication activity, while the water transport, highway and port & airport operation activities supported the growth in the Transport & Storage sub-sector. The Finance & Insurance and Real Estate & Business Services sub-sectors moderated to 4.6 and 6.7 per cent respectively.



Leonard Choong Kin Loong

On the other hand, the Manufacturing sector picked up the pace in this quarter by registering a growth of 5.1 per cent as most of the sub-sectors improved further than the preceding quarter. The two main sub-sectors which led to the growth were Petroleum, Chemical, Rubber & Plastic Products (8.2 per cent) and Non-Metallic Mineral Products, Basic Metal & Fabricated Metal Products (19.9 per cent). The Electrical & Electronic sub-sector has improved from negative 3.6 per cent to a marginal decline of 0.5 per cent.

As for the construction sector, it has improved further during the third quarter to 3.0 per cent (Q2 2011: 0.6 per cent). The improvement was underpinned by the better performance in the Residential and Civil Engineering sub-sectors. The Residential sub-sector continued to grow by double-digit supported mainly by construction of high-end property. Let us look at the details of the construction statistics.

Table 1 showed a 22% decrease in total local projects awarded in 2011 over 2010. A deeper look shows that there was a decrease in both Government Projects as well as Private Projects in terms of number of projects awarded and value of projects. A look at history shows that in 2008 (when the last General Election was held), there was a drop in local projects with an 11.2% decrease over 2007. With the elections around the corner, we hope history will not repeat itself here.

Let us look more closely at the construction statistics of the Electrical Sector. In table 2, we saw a drop of 39.4% of total local projects awarded against 2010. The drop was more apparent in the total project value where there was a 47.85% drop from the previous year. This percentage drop was bigger compared to total projects statistics. Data from 2008 showed that there was a 13.8% growth in total projects awarded in the Electrical Sector. In fact data showed that from 2007 till 2009 there was a constant growth of 13% in each of those 3 years.

What does 2012 holds for us? We enter 2012 with caution and hope. The statistics have shown a decreasing amount of projects in 2011. Let’s hope we have more to cheer for in 2012.

Source: www.cidb.gov.my; www.statistic.gov.my

Construction Statistics

Number and Value of Project Awarded By Work Specialisation (Electrical) in 2006-2011

Year	Total Local Projects	% Difference	Total Project Value (RM m)	Government Project		Private Project	
				Number	Value (RM m)	Number	Value (RM m)
2011	186	-39.4%	1754.66	40	811.32	146	943.34
2010	307	-8.6%	3364.81	97	980.49	210	2348.32
2009	336	13.1%	2806.93	110	1111.61	226	1695.32
2008	297	13.8%	2909.15	103	1067.9	194	1841.25
2007	261	13.0%	1663.03	69	495.45	192	1167.58
2006	231		1721.30	76	956.07	155	765.23

Table 1

Construction Statistics

Number and Value of Projects Awarded (Local Contractors) in 2006-2011

Year	Total Local Projects	% Difference	Total Project Value (RM m)	Government Project		Private Project	
				Number	Value (RM m)	Number	Value (RM m)
2011	5470	-22.0%	65,165.37	1514	17,045.23	3956	48,120.14
2010	7015	0.4%	78,248.93	1848	19,174.69	5167	59,074.24
2009	6987	8.4%	71,730.00	3013	31,937.00	3974	39,793.00
2008	6448	-11.2%	78,117.25	2703	33,964.25	3745	44,153.00
2007	7264	25.7%	87,367.96	2948	44,775.28	4316	42,592.68
2006	5780		56,969.22	1643	21,377.16	4137	35,592.06

Table 2

.... Continue Press Mission to Bangkok RHVAC and E&E 2011



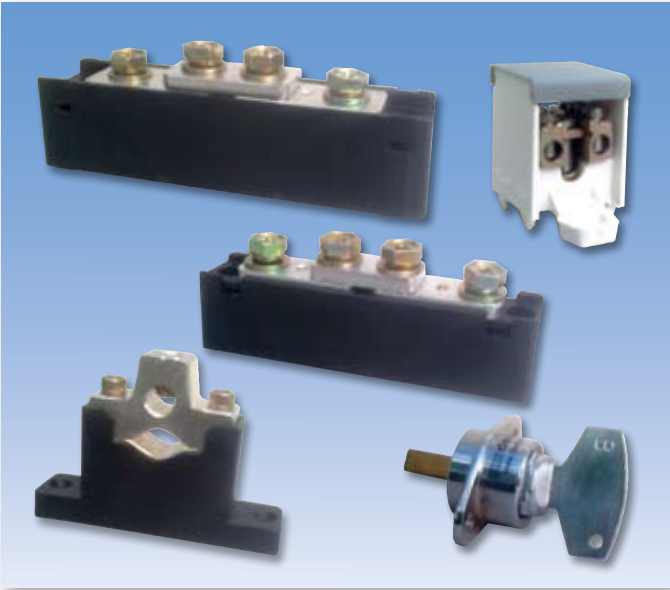
At Star (Thailand) – Group photo for remembrance.



Cheers! – Group photo at Kulthorn plant. Various models of motor compressors on display.



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Badminton Tournament

It was a great day for players vying for the TEEAM badminton championship on 9th & 16th October 2011 held at the Suria Sports Badminton Centre in USJ. Twenty-one men's singles, forty-one pairs of men's doubles and sixteen pairs of mixed doubles participated in the tournament. The two days were action packed with every player giving a tough fight. The list of winners appears on page 59.

The Sports Committee recorded its appreciation to all the sponsors who had contributed to the success of the tournament.



Nervous moment for men's doubles – (4th & 5th from left) Mr Wong Yuen Fong (Individual) and Mr Benn Lim Kim Chuan (Munpong Electrical Distributors Sdn Bhd) versus (3rd & 4th from right) Mr Wong Chee Way (Individual) and Mr Chang Chong Seong (Power Solution Trading Sdn Bhd). Umpire is Yeap Swee Huat (centre). With them from left are Mr Ooi Eng Guan (TEEAM Council Member), Mr Fong Mun Loon (TEEAM Sports Committee Member), Mr Jack Soon Lee Hock (TEEAM Sports Committee Member), Mr Liang Kok Boon (TEEAM Sports Chairman) and Mr Ho Khai Hong (TEEAM Honorary Secretary)



Semi finalist, men's doubles – (4th & 5th from left) Mr Chang Chong Seong (Power Solution Trading Sdn Bhd) and Mr Wong Chee Way (Individual) versus (3rd & 4th from right) Mr Ang Ban Kah and Ang Kien Aik from SP Multitech Sdn Bhd. Umpire is Mr David Low (centre). With them are (1st-3rd from left) Mr Ooi Eng Guan (TEEAM Council Member), Mr Liang Kok Boon (TEEAM Sports Chairman), Mr Fong Mun Loon (TEEAM Sports Committee Member), (1st & 2nd from right) Mr Wai Kok Chin (TEEAM Sports Committee Member), Mr Jack Soon Lee Hock (TEEAM Sports Committee Member).



Nervous moment for men's singles – (3rd from left) Mr Lim Yeon Kian (Kajang Electrical) versus (3rd from right) Mr Wong Yuen Fong (Individual). Umpire is Mr David Low (centre). With them from left are Mr Ooi Eng Guan (TEEAM Council Member), Mr Jack Soon Lee Hock (TEEAM Sports Committee Member), Mr Fong Mun Loon (TEEAM Sports Committee Member) and Mr Liang Kok Boon (TEEAM Sports Chairman).



Semi finalist, mixed doubles – (2nd & 3rd from left) Ms Woo Pui Kuan (Strength Electrical (M) Sdn Bhd) and Mr Lee Kum Leong (Jalita Engineering Sdn Bhd) versus (2nd & 3rd from right) Ms Joanna Leong & Mr Lee Chee How (Ablecon Engineering Sdn Bhd) Umpire is Mr Yeap Swee Huat (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).



Semi finalist, men's single – (2nd from left) Mr Lim Yeon Kian (Kajang Electrical) versus (3rd from right) Mr H'ng Kok Keong (Genuine Electric Sdn Bhd). Umpire is Mr David Low (3rd from left). With them from left are Mr Liang Kok Boon (TEEAM Sports Chairman) and TEEAM Sports Committee Members: Mr Jack Soon Lee Hock & Mr Fong Mun Loon.



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

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..... Continue Badminton Tournament



Men's singles champion – (right) Mr Wong Yuen Fong (Individual) receiving a trophy and Jaya Jusco cash vouchers from Mr David Chong Ah Nyap (TEEAM Vice President).



Congratulations! – The jubilant winners with TEEAM officials.



Mixed doubles champion – (right) Mr Lee Kum Leong (Jalita Engineering Sdn Bhd) and Ms Woo Pui Kuan (Strength Electrical (M) Sdn Bhd) received trophies and Jaya Jusco cash vouchers from Mr Liang Kok Boon (TEEAM Sports Chairman).



Nervous moment for mixed doubles – (4th & 5th from left) Ms Woo Pui Kuan (Strength Electrical (M) Sdn Bhd) and Mr Lee Kum Leong (Jalita Engineering Sdn Bhd) versus (3rd & 4th from right) Mr Au Kah Keong (Lee Hoe Electrical & Trading Sdn Bhd) and Ms Low Lee Hoon (Strength Electrical (M) Sdn Bhd). Umpire is Ms Suzanna Liew. With them from left are Mr Jack Soon Lee Hock (TEEAM Sports Committee Member), Mr Ooi Eng Guan (TEEAM Council Member), Mr Yap Wee Tong (TEEAM Sports Committee Member), Mr Ho Khai Hong (TEEAM Honorary Secretary) and Mr Liang Kok Boon (TEEAM Sports Chairman).



Men's doubles event – Energetic players in action.



Men's doubles champion – (left) Mr Benn Lim Kim Chuan (Munpong Electrical Distributors Sdn Bhd) and (right) Mr Wong Yuen Fong (Individual) received trophies and Omron Body Fat Analyzer Scale from (centre) Mr Ho Khai Hong (TEEAM Honorary Secretary).





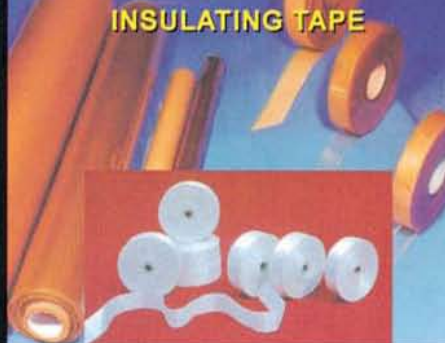
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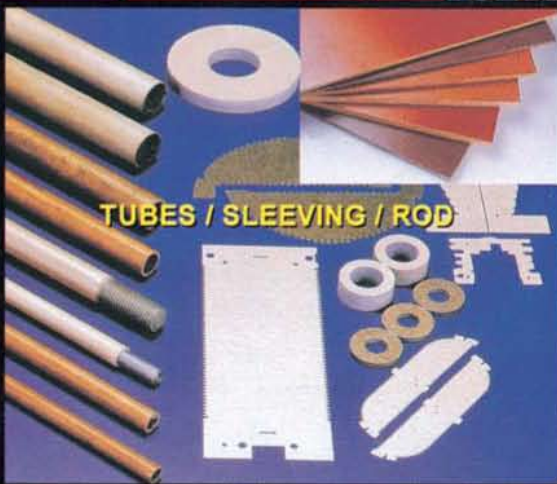
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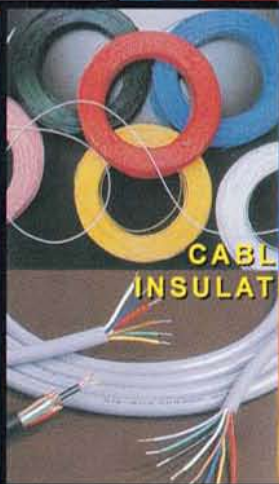
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SRMC, SIRIM & SWOs Networking

The Standards Research Management Centre (SRMC) together with SIRIM had a network meeting with Standard Writing Organisations (SWOs) on 18th November 2011 at SIRIM Berhad. The session was aimed to give an update and share the latest standardisation activities and also to discuss issues related to SWOs in developing Malaysian Standards (MS). So far there are sixteen SWOs appointed by SIRIM. The following two main points were highlighted at the session:

- SIRIM together with Standards Malaysia; in response to PEMANDU, are under KPI-directive to develop MS under a shorter time frame of no more than 18 months. The reason being the government intends to accelerate the policy of having government technical regulations based on MS/COPs (Code of Practices) - another form of MS. Of course it is only possible if COPs are produced, especially by SWOs which are recognised industry experts. However, if such Standards &/or COPs have been developed but not followed or used by Government Link Companies (GLCs), what is the point? A number of other SWOs joined TEEAM SWO to have SIRIM/Standards Malaysia approached PEMANDU to have a government

policy that MS/COPs should be the referral standards instead of foreign standards.

- The next issue was the TNB "Sijil Gunapakai". TEEAM SWO argued that it was against the issue/policy of: ONE STANDARD, ONE TEST and ONE APPROVAL. TEEAM wanted SIRIM to take up the issue with PEMANDU. No one, including GLCs have the right to have their own way which is against the interest of the nation; which has increased the cost of doing business.

Some twenty representatives from SWOs attended the networking session.



Sharing a light moment – (left) Mr Azim Ng Abdullah (SIRIM Vice President) and Mr Aziz Long (Senior General Manager, SRMC).



Participants – SWOs' representatives and SIRIM officials. In the forefront is Ir Rocky H T Wong (TEEAM SWO Chairman/ Technical Adviser cum Honorary Fellow).



Mr Alhardy Ismail – SIRIM Executive giving an introduction on MS Online.



Badminton Tournament Results

Men's Singles Event

Champion

Wong Yuen Fong

Individual Member

Trophy & Jaya Jusco Vouchers RM400

Ist Runner – Up

Lim Yeon Kian

Kajang Electrical

Trophy & Jaya Jusco Vouchers RM200

Semi Finalist

H'ng Kok Keong

Genuine Electric Sdn Bhd

Trophy & Jaya Jusco Vouchers RM100

Semi Finalist

Chen Siang Long

Lee Hoe Electrical & Trading Sdn Bhd

Trophy & Jaya Jusco Vouchers RM100

Men's Doubles Event

Champion

Wong Yuen Fong & Benn Lim Kim Chuan

Individual Member & Munpong Electrical Distributors Sdn Bhd

Trophy & Omron Body Fat Analyzer Scale

Ist Runner – Up

Wong Chee Way & Chang Chong Seong

Individual Member & Power Solution Trading Sdn Bhd

Trophy & Jaya Jusco Vouchers RM300

Semi Finalist

Goh Lai Yong & Lee Chee How

E & A Letrik (M) Sdn Bhd

Trophy & Jaya Jusco Vouchers RM160

Semi Finalist

Ang Ban Kah & Ang Kien Aik

SP Multitech Sdn Bhd

Trophy & Jaya Jusco Vouchers RM160

Mixed Doubles Event

Champion

Lee Kum Leong & Woo Pui Kuan

Jalita Engineering Sdn Bhd & Strength Electrical (M) Sdn Bhd

Trophy & Jaya Jusco Vouchers RM500

Ist Runner – Up

Au Kah Keong & Low Lee Hoon

Lee Hoe Electrical & Trading Sdn Bhd & Strength Electrical (M) Sdn Bhd

Trophy & Jaya Jusco Vouchers RM300

Semi Finalist

Jackie Lam Yin Ling & Ng Shean Wei

CK Well Electrical Supplies Sdn Bhd & Gemilite Sdn Bhd

Trophy & Jaya Jusco Vouchers RM160

Semi Finalist

Lee Chee How & Joanna Leong

Ablecon Engineering Sdn Bhd

Trophy & Jaya Jusco Vouchers RM160

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Badminton Venue - Suria Sports Centre

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