



CHINT ELECTRIC NEWSLETTER 2018

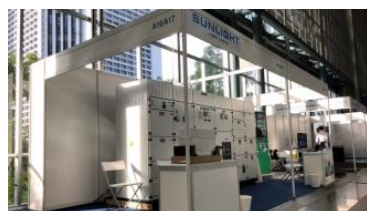
PROJECT

CHINT Won the Project of CELSE Power Plant



EXHIBITION

CHINT, Munich Re Group & PICC Sign a Strategic Cooperation Agreement



FOCUS

CHINT Appears in MSCI Equity Index



SPECIAL-SUNLIGHT

Exhibition- Sunlight Participated in IEEE in Singapore
Product-Series Forti

People- CHINT Ambassador, Er. LIM SAY LEONG



This is CHINT

CHINT is committed to providing the world with safe, reliable and stable electrical equipment and clean energy solutions.

After more than 30 years of growth, CHINT has developed from Asia's largest LV apparatus supplier to leading global electrical equipment and integrated supplier, with strength from power generation, storage, transmission, transformation, distribution to terminal consumption.

CHINT Won the Project of CELSE Power Plant

Recently, CHINT won the project of Centrais Eletricasde Sergipe SA, a Latin American gas plant which founded by Brazil's EBRASIL and Golar Power. It is the largest and most efficient gas-fired Power plant in Latin America, with a total capacity of 1551MV.

Veolia, top three environment solution provider, and the sub-contractor of this project, has strict requirements and high standards in technology, packaging, quality testing, deploying and other aspects. As an experienced company who has cooperated with Veolia in different industries before, CHINT's professional attitude and strict requirements for the overall details of the projects, lead to the final approval for the CHINT's industry-customized water treatment system program in the first half of 2016 from Veolia, the international water treatment industry leader. And a global strategic cooperation plan between CHINT and Veolia was signed in the second half of 2016.

Under the guidance of the internationalization strategy, CHINT's subsidiary in Sao Paulo, Brazil, has covered the entire Latin American market , providing products and services of the whole industrial chains including low-voltage distribution, high-voltage transmission and distribution, photovoltaic new energy, residences and constructions and etc. The successful completion of the circular power plant project will make the specialization of CHINT to be more deeply rooted in the hearts of the people and lay the firm foundation for the expansion of the Latin American market. As a world's leading electrical equipment integrated supplier, CHINT is committed to providing the world with safe, reliable and stable electrical equipment and clean energy solutions. CHINT, Empower the world.



CHINT, Munich Re Group & PICC Sign a Strategic Cooperation Agreement

On the afternoon of May 28, CHINT Solar, Munich Re and People's Insurance Company of China (PICC) signed strategic cooperation agreement in Shanghai SNEC Exhibition. Dr. Lu Chuan (president of CHINT Solar), Mrs. Huang Haiyan (Vice-President of CHINT Solar), Dr. Ronald Sastrawan (head of global photovoltaic risk at Munich Re Group), Mr. Julius Abe (Head of global photovoltaic risk at Munich Re Group), Mr. Xuede (Deputy general of Zhengjiang branch of PICC) and Mr. Gao Junli (General manager of credit guarantee insurance division in Zhengjiang branch) attended the signing ceremony.

According to this strategic cooperation agreement, PICC will provide insurance support services with quality assurance for 10-12 years and performance assurance for 25 years and Munich will provide reinsurance services for the photovoltaic products which produced and delivered to domestic and overseas markets by CHINT solar in 2018. This will not only provide more adequate third party protection for CHINT's investors and financing institutions that use CHINT solar's components for large scale, but also set a classic example for the new energy industry insurance business model.

Since the design of the world's first "25-year Long Term Quality and Power Assurance Insurance for Solar Photovoltaic Components" in 2009, Munich Re has always been prudent in the risk assessment and will only cover the best quality components in the market. Dr. Sasitlawan said, 'CHINT solar is the only photovoltaic company in the world that is continuously to be insured, and has no claims records in the past nine years. These measures not only reflect the long-term close cooperation between CHINT solar and Munich, but also demonstrate that CHINT is a sincere company that pursues outstanding quality, serves customers with sincerity, and regards product quality as its lifeblood. 'This tripartite cooperation will integrate new business models and strategic growth points into the global vertical integrated economy.



CHINT Appears in MSCI Equity Index

New York May 14, 2018, Morgan Stanley Capital International announced the result of semi-annual index review for the MSCI equity indexes. CHINT, bank of Ningbo, Hikvision, and other 14 Zhejiang shares appear on this list. It is an important symbol of Chinese A-share market internationalization, which will attract the participation of the powerful international institutional investors.

MSCI index is an index compiled by Morgan Stanley capital international to track the performance of concept stocks, which is the most adopted benchmark index by portfolio managers with great global influence. The A-shares can bring into MSCI owing to great business model and great corporate governance, which is recognized by global market and is regarded as one of the world's top companies.

Since its listing in 2010, CHINT has laid the foundation to MSCI with its stable financial indicators, continuously improving profitability and good development prospects. In 2017, CHINT's operating income and net profit belonging to shareholders of listed companies were ¥23.417 billion and ¥2.840 billion respectively with an increase of 16.13 % and 29.98 % respectively. Compared with 2011's 8.288 billion and 824 million, it can be seen the strong growth achieved by CHINT. For CHINT, this opportunity to MSCI can continuously improve the company's industrial chain of various links, furthermore the core competitiveness and upgrade itself from a single equipment manufacturing company to an integrated energy conglomerate including manufacture, operation, and management, which is committed to providing intelligent energy solutions.

SUNLIGHT Participated IEEE in Singapore

Sunlight Electrical Pte Ltd, a new affiliate of CHINT company, has its debut in the 2018 Joint IEEE International Symposium on Electromagnetic Compatibility & Asia-Pacific Symposium on Electromagnetic Compatibility (2018 Joint IEEE EMC & APEMC) at the Suntec Convention and Exhibition Centre in Singapore from 14 to 17 May 2018.

Sunlight had EN50121 EMC Certified Power Distribution and Motor Control Switchboard in the exhibition to share know-hows of the engineering, design and construction of EMC compliance electrical switchboard.

In addition to the exhibited switchboard, Sunlight held several technical sharing sessions and onsite demonstrations for delegates and invited customers. The topic in focus is “Enhancing the switchboard to meet the EMC for railway applications”; which was delivered by our Technical Director – Er Lim Say Leong, Member of Singapore National Committee to IEC and Global IEC Ambassador. Good responses from the participants are received.

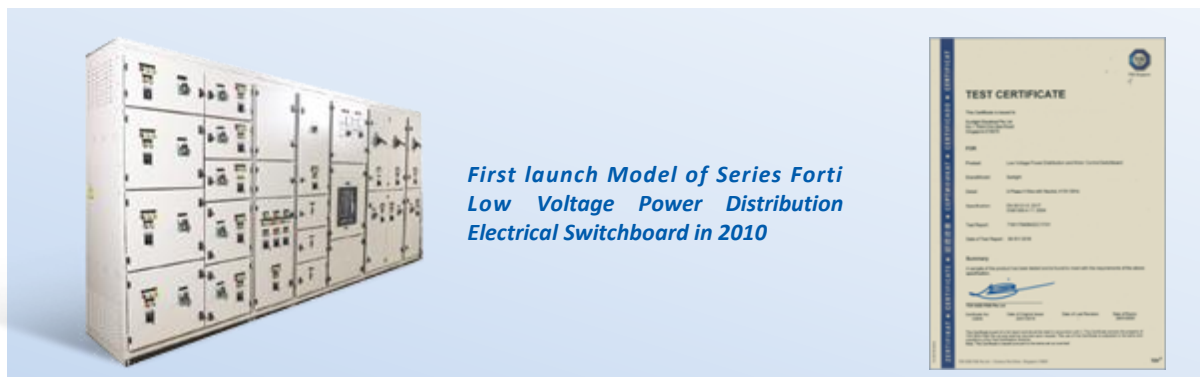


Sunlight is a leading manufacturer of power distribution products in Singapore with three factories in Singapore, Malaysia and Vietnam, aiming to be the first in choice for energy distribution solution.

Series Forti Low Voltage Power Distribution Electrical Switchboard

2010 marked the forty years anniversary of Sunlight Electrical brand-name in the market and a new series of low voltage power distribution electrical switchboard was launched.

To signify with the anniversary celebration, aligning with the meaning of “Fortify” to “Strengthen” which is a key attribute in the electrical switchboard field, the model name of “Series Forti” was given to this great masterpiece of engineering product.



First launch Model of Series Forti Low Voltage Power Distribution Electrical Switchboard in 2010

Series Forti is designed and built based on three objectives to serve the customer need, Certification, Performance and Reliability.

Certification

Series Forti meets the new standard introduced by the International Electro technical Commission (IEC) in January 2009, which governs the safety and performance of electrical switchgear and control gear assemblies.

Performance

Series Forti passed the 100KA 3s short-circuit type test.

Reliability

Sunlight Electrical successfully achieved the EN 50121-5: 2017 Electro Magnetic Compatibility (EMC) Certificate for Series Forti with flying color;

Regarding the continuous electricity supply, Series Forti has also been certified for Voltage Dips & Interruptions Immunity (EN 61000-4-11 : 2004 ; IEC 61000-4-11 : 2004) to give a peace of mind for customer who has mission critical application like Data Center, Heath-care, Airport and etc. Series Forti also passed the Internal Arc Withstand (IEC TR 61641 : 2008) certification

CHINT Ambassador---Er. LIM SAY LEONG



Er. Lim Say Leong
CHINT Ambassador
IEC Ambassador

Lim Say Leong, our CHINT Ambassador in CHINT Asia Pacific works closely with many colleagues in various functions to support technical, marketing, production and sales in meeting with our customers and key stakeholders.

Hosted by Sunlight Electrical Pte Ltd, a company of CHINT Group, as the Technical Director for the switchboards and control gears, Er. Lim has vast involvement in energy efficiency and productivity covering areas of industrial automation, power conversion, electric vehicle charging and renewal energy.

With extensive experiences in product design, testing and certification of electrical equipment, he provided guidance and test methods that help made requirement for photovoltaic installation and use of plastic trunking to improve productivity and wiring method to public housings.

A veteran on standards, he contributed Singapore and Malaysian Standards on electrical and electronics products and code of practices. Represent Singapore at IEC on switchgear standard and advisor to President of South Africa's SABS on specification for circuit breakers. He represents Singapore in Working Group of IEC MT 121 responsible for IEC 61439 series of standards. Appointed the IEC Ambassador for a two-year term, 2018 to 2019.

Say Leong, a PE and LEW studied diploma and degree in electrical engineering. Achievement both at work and public affair are the combination of his leadership quality, good interpersonal understanding, approachable and readiness to share. Mentor and coach young engineers on professional development.

Received the ITE's Distinguished Friends award curriculum advisory and bridging ITE with industry partners. Improve and enrich curriculum of electrical installation and intelligent buildings with KNX technology.

CHINT Ambassador---Er. LIM SAY LEONG



Champion for the Diploma on Clean Energy at Singapore Polytechnic advisory committee to ensure relevance and environment sustainability. Say Leong is the Deputy Chairman for Advisory Committee in School of Electrical and Electronics Engineering at Singapore Polytechnic. He helps to strength collaboration between SP and industries where further improve SP's facilities and update products, technology and experiments in energy system, and automation.

Develop criteria for accreditation of energy and water efficiency management system at Singapore Accreditation Council. Confer the Singapore Standards Council's Distinguish Award, SPRING Singapore's Distinguished Partner Award. Serving as the Chairman of Electrical Testing in SAC, he has been promoting the good practices and benefits of having testing once and recognized everywhere.

Consumer safety is at heart for Say Leong and has received CASE's Silver Award for his long-time voluntary work to promote public safety and consumers' interests.

Say Leong does not believe in age and believes in working with people to continue journey of learning and sharing. This to grow and bring meaning to life. His last training was to be a barista for his own cup of coffee and is now learning CHINT products in details.