October 13, China Water Expo & China International Membrane and Water Treatment Technology and Equipment Exhibition took place at the National Convention Center in Beijing. Vice Minister of Water Resources Hu Siyi, head of executive council of Chinese Hydraulic Engineering Society Jing Zhengshu, academician with Chinese Academy of Sciences Gao Congjie, former deputy head of the Department of Raw Material Industry of MIIT Song Xianzhu visited Bluestar (Beijing)'s exhibition booth in succession accompanied by Bluestar President Robert Lu, where they were updated on the development of water treatment business of Bluestar and showed strong interest in the development of Bluestar Environmental Engineering in water treatment industry and the typical projects the company is engaged for.

BSI Expert Jean Francois Wins Lushan Friendship Award

Recently, French BSI expert Jean Francois GAMET who has been working on the integrated silicone project at Xinghuo Plant won the Lushan Friendship Award, an honor extended each year by Jiangxi Provincial Government to foreign experts for their outstanding contributions to the province. Award-winning foreign experts will be granted the medal, certificate of honor and free fitness and convalescence services in the province by the provincial government.

A senior engineer with BSI in France, Jean joined Xinghuo Plant's 200000 t/a integrated silicone project in May 2009 as deputy manager of the 120000 t/a silicone downstream project. Over the past three years, as technical director in charge of process, instrumentation, electrical and other disciplines, Jean has been playing an irreplaceable role in preparing engineering and technical documents and resolving key engineering and technical problems, clearing technical challenges one after another. For example, the basic engineering and technical documentation of the project required a 30 million-Yuan large-sized kneader to be sourced, but none of domestic manufacturers could meet the demanding technical requirements for the equipment and importation from abroad would mean the project schedule delayed. To meet the challenge, Jean, working with other technicians, made improvements to the original documentation so that domestic manufacturers could not only manufacture the needed equipment but also save Xinghuo Plant 5 million Yuan as compared with the importation option.

Jean pays much attention to collaboration with the local team and proactively sets up learning teams in order to transform foreign intellect into local one by training Xinghuo Plant's technicians. Moreover, he also actively learns about Chinese culture while introducing western culture to the local team, thus effectively promoting integration between Chinese and western cultures at the plant.

Jean was recognized as one of the top ten technologists at Xinghuo Plant in 2010 at the beginning of this year.
Bluestar Silicones showcases range of silicone elastomers for solar photovoltaic panels

Bluestar Silicones introduces its full line of silicone elastomers which deliver cycle time reductions and higher productivity for manufacturers of high-performance photovoltaic solar panels. The company showcased its complete line of materials at the Solar Power International Show (Booth #6161) Oct. 17-20 at the Dallas Convention Center.

Bluestar offers a full range of products for the solar market including silicone elastomers for frame sealing, junction box potting and bonding, and solar cell encapsulation. "With PV solar panel manufacturing becoming more and more cost-driven, we've focused our product development efforts on formulations that offers fast curing reactivity without sacrificing physical properties or long-term durability," explained Reeshemah Chatham, Market Manager for Sealing and Bonding, for Bluestar Silicones. "The increased curing kinetics of our range of products offers significant cycle time reductions, resulting in greater productivity for PV panel makers."

Bluestar Silicones is a recent entrant in the fast-growing solar energy market which is undergoing significant growth in the U.S. with expansion by existing solar panel manufacturers and the emergence of new overseas suppliers.

The product range includes the CAF line of products for frame sealing and junction box bonding. CAF 530 provides long-term bonding and sealing of the solar module, guaranteeing long-life protection of the photovoltaic cells and associated connections against humidity, which is the main cause of efficiency loss in modules over time. Due to its high degree of elasticity, CAF 530 adhesive resists and absorbs different rates of thermal expansion from the assembled materials. In particular, the use of CAF 530 delivers reliable, long-life adhesion between the junction box and the rear panel of the solar module.

Bluestar also highlighted the rest of the CAF line which includes CAF 505, 510, and 520. They offer excellent adhesion to several back sheet materials such as polyvinyl fluoride (PVF) and polyethylene terephthalate (PET) and also adhere well to junction box materials such as polyphenylene oxide (PPO) and polycarbonate (PC). The CAF grades maintain good elasticity over a wide temperature range (-50°C to 180°C) with excellent weatherability and electrical insulation.

For potting and encapsulation, Bluestar offers pourable two-component silicone elastomers which cure at room temperature by polyaddition reaction. The potting material line includes the standard grade, ESA 7252, along with ESA 7252 QC, another high-productivity product which cures in 15 minutes. ESA potting materials offer excellent weather resistance and provide strong protection against moisture.

The company's entire line of materials is commercially available and backed by technical service and application development support from Bluestar Silicones' Rock Hill, S.C. facility.

Shenyang Paraffin Chemical develops tailor-made job rotation program.

Song Lianqin

After the overhaul and well into the shake-down test stage, the CPP plant of Shenyang Paraffin Chemical started a job-rotation program on the floor in order to help make workers capable of multitasking. The operators in nine positions including reaction, distillation, main blower fan and cracking furnace at the plant formed one-to-one learning pairs. The apprenticeship requires that the essentials and skills of technical operation in respective position must be imparted hand on hand to operators in other positions until they can do the job alone.
There are numerous beautiful sceneries remembered in your mind? Are many special feelings being felt in your heart? Has a great deal of different sentiments stricken your chord?

Have you ever taken notice of the spring morning? You embrace the rising sun and go to the countryside to appreciate white flower in morning sunlight, to listen to chirping birds, and you would become intoxicated with what you see, hear and touch. Have you ever noticed that those flourishing flowers all have a smiling face in token of the vitality of youth? Have you ever heard the chirps of birds telling you their own hopes? You would have a conformable feeling if you have found, seen and heard, a feeling that is called experience and inspiration.

Have you ever taken notice of the summer afternoon? That after-rain weather is so fresh that will intoxicate you, so is the blueness of sky. It would be better if there were any clouds in the sky, cotton-like white cloud and silk-like white cloud, floating in the sky. That very whiteness and that very blueness simply can not be drawn with brush or described with words. Sometimes, there would be rainbow, seven-color rainbow, white clouds, blue sky, which are unique to summer and constitute a natural beauty that is pleasing and moving you.

Have you ever recalled with nostalgia the autumn dusk? That is colorful and leave-fluttering dusk. Faced with those falling yellow leaves, you probably would sigh on the perishing life. You would be wondering if the lives of leaves just ended like that? You would unconsciously chant a poetic line, "Falling leaves aren’t heartless, because they fall into spring mud to nourish flowers." When reciting the line, your face would become smiley and what flows in your heart is being moved.

There is a famous saying, "what lacks in life is not beauty, but the discovery". I want to make a change to it, "what lacks in life is not discovery, but the heart to be moved".

There is a plain feeling that has long been flowing around in my heart.

There is a common word called "moved", which I have owned and will own forever. ■
Beijing 798 Art Zone, located in 718 factory courtyard near Jiuxian Bridge in the northeast of Chaoyang district in Beijing, is an artistic section focusing on modern arts. It was built and further developed based on the former industrial buildings in the early 21st century. Covering the original state-owned factories of 798, 706, 797, 707, and 718 (all of which have been incorporated into Beijing Sevenstar Science and Technology Co., LTD), the total area of Beijing 798 Art Zone has reached 230,000 square meters. Designed and constructed by former East German experts, the main buildings adopted Bauhaus designing concept with latest techniques at that time, which emphasize the artistic style in practical use. With its distinctive characteristics of an era, concise sculpt, complete lofty interior space and the homogenous room-light conditions created by the northward high clearstory, the buildings can perfectly meet the demands for construction and space of modern art activities.

At present, Beijing 798 Art Zone has been listed as one of the first ten districts of cultural original industry by Beijing municipal government, and as the first assembling region of cultural original industry by the government of Chaoyang district.

798 Art Zone

Attracted by Bauhaus buildings and convenient transportation in this quiet area, artists of different styles came to gather here since 2002. Thus Beijing 798 Art Zone has become an assembling place for various cultural and artistic forms including sculpture, painting, independent art studio of photography and the like, gallery, art bookstore, fashion dress shop, ad designing, environment designing, classic housing decoration and designing, food and drinks, bars, etc. By now, there are nearly 300 cultural institutions stationed here, and Beijing 798 Art Zone has been a most important and influential cultural industrial district as the distributing center of Chinese modern art.