

TECHCROSS NEWS

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Providing Right Solutions For Your Ships

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News 01. Techcross Completed the USCG Type Approval Tests

Techcross had all the required USCG type approval tests done as of 9th June in collaboration with KR for the 1st time among all Korean makers.

Now that all vessels discharging ballast water in the US waters are required to be equipped with USCG type approved systems apart from IMO type approval, Techcross signed the contract with KR (Korean Register) as one of the ILs (Independent Laboratory) designated by USCG on September 2015 to carry out the USCG type approval tests with the range of component, land-based and shipboard tests led by KR's sub ILs (KOMERI, SGS).

ETV test protocol employed for USCG type approval is considered far more harsh than IMO G8 type approval as the former one requires 5 consecutive successful test results for each salinity category from land based tests and the same 5 times for ship board tests. In spite of its relatively late entry into the testing scheme compared with other competitors in Korea, Techcross has become the 1st one who went through the tests successfully with our all-out effort and high-end technology incorporated into Electro-Clean™ System.

Since Techcross was granted an official notification regarding the test completion from KR, the only remaining works are to prepare testing reports and review by KR and confirm by USCG.



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Event Schedule

Public Event

- July 3 ~ 7, 2017
: MEPC 71 Meeting
- September 27 ~ 28, 2017
: BWMTech North America / Miami, USA

TECHCROSS Event

- July 29 ~ August 6, 2017
: Summer Holidays

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News 02. Techcross Selected as "World Class 300 Company"



Total 36 small and medium companies were selected as "Next Global Champ" and "World Class 300 Project" at the Certificate Designation Ceremony on April 25. Techcross as one of the most globalized BWMS manufacturers, was honored to be one of them.

World Class 300 Project was launched in 2011 by the Ministry of Trade, Industry and Energy and the Small and Medium Business Administration in a bid to promote small and medium companies who have high growth potential to be global hidden champions. 229 companies selected up to now are showing high growth rate through reinforcing original technologies and marketing capability under the optimized support from government.

During the course of strict evaluation, Techcross was granted high grade for its growth engine with emerging market demand led by BWM Convention to be effective from September, 2017. Thanks to designation of World Class 300 Company, Techcross will benefit from R&D and marketing funds, customized consulting service, financial support, etc. for 5 years to come from Korean government.

Ju Yeong-Sup, the chief of Small and Medium Business Administration, said, "We hope all the awarded companies are determined to aggressively go into the global market and actively participate in the move to create win-win company culture between employer and employee."

News 03. Selected as the Environmental Technology R&D Project

On April 20th, Techcross was designated as a beneficiary of the environmental industry advancement R&D session in "2017 Environmental Technology R&D Project" managed by Korean Ministry of Environment. Techcross, as a main research center is supposed to lead the project for 33 months in collaboration with UNIST, a cooperative research center that prepared R&D plan last March.

The main purpose of the project is to develop the catalytic oxidation system capable of treating non-biodegradable waste water more efficiently and safely with Techcross' own electrolysis technology. Techcross has worked for this project since May and has been granted 1.5 million dollars of subsidy from Korean government.

As the new technology from the project is targeted to be used in not only environmental industries but also other fields such as semiconductor and metal processing, the successful outcome from the project will lead Techcross to come up with a new promising business item down the road.

News 04. World Class 300 Signboard Hanging Ceremony

World Class 300 signboard hanging ceremony was held on May 22 in the Techcross' Busan factory located in Gangseo-gu, Busan. Jong-rae Cho, the chief of Busan Small and Medium Business Administration, Kyu-won Park, the president of Techcross and the persons concerned attended the event.

On April 25, 2017, Techcross was selected as one of the World Class 300 Companies in recognition of its global no. 1 status in order and potential of growth in the BWMS industry. Techcross will firm its position as a global hidden champion with the benefits from R&D and marketing funds, customized consulting service, financial support, etc. for 5 years to come from Korean government thanks to the designation of World Class 300 Company.



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News 05. WMU Visits Techcross Busan Factory



On the last April 4th, IMO-affiliated University, WMU (World Maritime University) visited Techcross Busan Factory. 15 students and 2 professors of WMU came to learn Korean maritime technology and the latest information. They also went on field trips to KRISO, Korea Ship Safety Technology Authority, Korea Shipowners' Association, Korea Maritime Institute, Korea National Maritime Museum, BPA, Busan New Port VTS Center and KR.

Techcross was the only manufacturing company among the institutes they visited. As the representative of Korean ballast water management system manufacturers who lead the global market, Techcross introduced the features of the product, current market status and their factory facility. The person in charge of the educational session from Techcross said that "We tried to appeal our superior maritime industry to the students, since they are highly qualified professionals in global maritime sector and will be our potential customers in the near future."

News 06. Status of Joint R&D with KRICT

On the last February 20th, Techcross signed an agreement on joint research and development with KRICT (Korea Research Institute of Chemical Technology) to develop high-value-added chemical product using carbon source. Carbon is the 4th most common nonmetallic element in the nature and get wasted in general. So, if this unused carbon turns into high-value chemical products, it will be killing two birds with one stone by creating business profit and solving environmental problems.

Although there have been attempts to utilize the carbon source, this project gets more attention since it applies the brand-new electro-catalysis which has never been tried before. While the existing methods need the tremendous initial cost for high pressure & temperature process, electro-catalysis system has edges for its easy operation and commercialization.

Dr. Kim Hyeong-Ju at KRICT leading this project said, "We plan to evaluate the effectiveness of developed technology's performance in reality for 2 years to come and then construct Demo-plant prior to commercialization. Through 2~3 years more R&D on the plants, we hope to get our final goal of commercialization realized."

News 07. The Opening of Techcross Europe

On the 26th of April Techcross officially opened the Techcross Europe office in Rotterdam, The Netherlands. Techcross Europe is the global branch office to aim at customers' satisfaction for European market with a good quality of sales and after sales services. The opening ceremony was held in presence of President K.W. Park, Vice President James Lee and others as business partners. We all enjoyed the time during the ceremony at the office and at dinner together while stepping up one team spirit. This office headed by Martin will be also leading us to set up the other branches on international strategic areas down the road. We have no doubt in our minds that with a great support from all of you, Techcross Europe will play a crucial role as the outpost to expand into the heart of European market.

