

TRU-MARINE GAINS FROM COLLABORATION WITH SIMTech

SIMTech has been collaborating with Tru-Marine in several technological innovations ranging from process technology, and industrial informatics to technology upgrading.

Tru-Marine Pte Ltd, whose business is in marine turbocharger maintenance, repair and overhaul, was among the first to collaborate in several technological innovations with SIMTech way back in the 1990s.

The first project collaboration was the development of the weld repair of an aluminium alloy impeller, later certified by Det Norske Veritas (DNV), an internationally recognised qualification for the marine industry.

From 2003 onwards, the company has been participating in the T-Up scheme to harness technology and to hone its turbocharger repair competencies. The results that have been achieved show that more than 10 joining procedures/ techniques were either certified by DNV or Lloyd's Register, apart from characterising or verifying numerous components/ materials such as cast irons, low alloy steels, tool steels, stainless steels, nickel-based alloys and super alloys.

Said Mr David Loke, Group Managing Director of Tru-Marine: "SIMTech researchers have helped us open up a new avenue for our products, allowing us to provide our customers with more cost effective and timely solutions."



Mr Loke (right) receiving the award from Mr Png Cheong Boon, Deputy Chief Executive of SPRING Singapore

Recently, his achievements in the industry as well as his contribution towards the growth of the Singapore economy were recognised when he received this year's Ernst & Young Entrepreneur of The Year Award (Marine & Engineering).

In a letter congratulating Mr Loke, Dr Lim Ser Yong, SIMTech Executive Director, complimented: "... you have successfully

"Mr Loke received this year's Ernst & Young Entrepreneur of The Year Award (Marine & Engineering) in recognition of his achievements and his contribution towards the growth of the Singapore economy."

and continuously spearheaded several innovative initiatives to transform Tru-Marine from a general ship repairer in 1977 to a specialist in turbocharger servicing today. Tru-Marine is one of the established marine companies in Singapore with subsidiaries spanning China and the Middle East."

On his part, Mr Loke values the role SIMTech has played in the success of Tru-Marine, saying: "The best choice is to work with an institution like SIMTech, a very professional organisation that has a lot of expertise backing it. I strongly recommend SIMTech to anybody who requires its services."

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HIGHLIGHTS

- 3 Single-Platform B2Bi Gateway for SMEs
- 5 Antenna-in-Package in LTCC Paper Wins Top Prize in IEEE International Workshop
- 7 T-Up at Surgical Products Maker MediPurpose
- 12 LED Innovation Saves Electricity, Accelerates Application



Turbine blade welding



Dynamic balancing



Milling of compressor wheel