

Alfa Laval secures first contract for ammonia fuel supply system

Alfa Laval has signed its first contract for the ammonia fuel supply system, FCM Ammonia, reinforcing its position as a front-runner in developing solutions for decarbonizing the maritime industry. The ammonia fuel supply system will be installed onboard seven ammonia dual-fuel LPG/ammonia carriers for Tianjin Southwest Maritime.

With international shipping projected to more than double by 2050, the adoption of low-carbon fuels is crucial in the maritime industry's pursuit of net zero emissions. Ammonia, recognized as a promising low-carbon fuel, is experiencing significant advances and increasing demand.

Alfa Laval is instrumental in delivering comprehensive fuel solutions to address the evolving requirements of the maritime sector, and the ammonia fuel supply system is another addition to a toolbox of solutions that can accelerate the industry's decarbonization efforts. Alfa Laval has secured the first contract for its ammonia fuel supply system, highlighting its technological readiness to handle ammonia as fuel, as one of the pioneers in the industry.

"Through research, product development, and strategic partnerships, we are building the solutions needed for a safe and efficient transition to low-carbon alternative fuels," says Peter Sahlen, Head of Marine Separation, Fuel Supply System & Heat Transfer, Alfa Laval. "Our deep experience with fuels like methanol and LPG has given us a head start with ammonia, and this first contract validates our commitment to driving decarbonization in shipping with reliable and innovative solutions."

The FCM Ammonia will be installed on a CSSC Huangpu Wenchong shipyard in China for ship owner Tianjin Southwest Maritime (TSM). The first installation will be on three 25,000 cubic metre LPG/ammonia carriers, followed by four 41,000 cubic metre LPG/ammonia carriers. The first FCM Ammonia unit for TSM is scheduled for delivery at the end of 2025.

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This is Alfa Laval

The ability to make the most of what we have is more important than ever. Together with our customers, we're innovating the industries that society depends on and creating lasting positive impact. Alfa Laval is a leading global provider of first-rate products in the areas of heat transfer, separation and fluid handling. We're set on helping billions of people to get the energy, food, and clean water they need. And, at the same time, we're decarbonizing the marine fleet that is the backbone of global trade.

We pioneer technologies and solutions that enable our customers to unlock the true potential of resources. As our customers' businesses grow stronger, the goal of a truly sustainable world edges closer. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets. Together, we're pioneering positive impact.

Alfa Laval was founded 140 years ago, has customers in 100 countries, employs more than 22,300 people, and annual sales were SEK 66.9 billion (5.8 BEUR) in 2024. The company is listed on Nasdaq Stockholm.

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