Alfa Laval PureSOx offers cost-effective compliance with the 2020 global sulphur cap

**On 27 October, the delegates to the MEPC70 meeting in London agreed to implement a global fuel sulphur cap as of 1 January 2020. While the cap will create a 0.5% fuel sulphur limit worldwide, it does not necessitate a switch to low-sulphur fuel. With an Alfa Laval PureSOx scrubber, ship owners can continue using residual fuels and maintain their existing fuel economy.**

The MEPC’s announcement of a global fuel sulphur cap in 2020 has been met with immediate concern. Ship owners have questions not only about the availability of compliant 0.5%S fuel, but also about the likely difference in price compared to today’s bunker fuel. Using the Alfa Laval PureSOx scrubber platform, however, they can effectively avoid both issues.

“Scrubbers are an approved means of meeting fuel sulphur limits without switching from residual fuels,” says René Diks, Manager Marketing & Sales, Exhaust Gas Cleaning. “By cleaning sulphur compounds from the exhaust gas, they provide full compliance while protecting the vessel’s fuel economy. Alfa Laval PureSOx has been doing this for many years in Emission Control Areas, where the sulphur emission limits are far stricter than 0.5%.”

 **A complete solution for global compliance**

Today’s Alfa Laval PureSOx platform is fully prepared for 2020, offering a range of systems to meet different compliance needs. PureSOx Global, which specifically targets the 0.5%S global limit, is a streamlined scrubber optimized for open seas. Yet it uses the same proven technology as PureSOx ECA, which provides 0.1%S compliance in Emission Control Areas. For vessels whose sailing profile is more varied, there is also PureSOx Flex, which offers both 0.1%S and 0.5%S compliance modes.

“All PureSOx systems are available in open-loop, closed-loop and hybrid arrangements, with either U-design or inline I-design scrubbers,” says Diks. “With such a complete range of compliance options and technical possibilities, Alfa Laval can secure a compact, cost-effective solution to help nearly any vessel secure fuel economy. PureSOx is a clear route to competitive compliance, even after the 2020 global cap.”

To learn more about the Alfa Laval PureSOx platform and Alfa Laval’s approach to exhaust gas cleaning, visit www.alfalaval.com/puresox

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**Editor’s notes**

About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company’s equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval’s products are also used in power plants, aboard ships, oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval’s worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena. Alfa Laval is listed on Nasdaq OMX, and, in 2015, posted annual sales of about SEK 39.7 billion (approx. 4.25 billion Euros). The company has about 17 500 employees.

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