



Alfa Laval

# Exchange Programme: water sensors

For PureSOx



## Secure compliance with no-hassle sensor replacement

Keep your Alfa Laval PureSOx system in compliance, simply and conveniently. Through our Exchange Programme for PureSOx, we can ensure that your scrubber always has calibrated PAH and turbidity sensors, as required by the regulations. We proactively manage the exchange, so that you avoid the risk of fines from port authorities and the high cost of having to switch to compliant fuels.

Our service helps you with:

- Biennial exchange of factory-calibrated sensors to ensure compliance
- Guaranteed sensor function for reduced risk of fines
- Fixed price and minimal downtime
- Peace of mind – Alfa Laval handles the logistics, installation and set-up

## How it works

To prove compliance with MEPC water discharge regulations, your PureSOx scrubber system uses PAH and turbidity sensors. These sensors need calibration at regular intervals that are set by the original equipment manufacturer (OEM). To remain compliant, you must have the sensors calibrated as required.

Our Exchange Programme for PureSOx makes sensor calibration simple, swift and economical. Every two years, when your PureSOx water sensors\* need calibrating, we swap them out with pre-calibrated replacements. We handle the timing, administration and logistics over a six-year period, as well as the exchanges themselves. So it's just as convenient as it is cost-effective. Each exchange is documented, and you receive a certificate as proof of calibration.

Having your sensors exchanged in due time brings peace of mind. The pre-calibrated replacement sensors have also been factory inspected, maintained and cleaned, and they're available in any major port within three days. In addition, the exchange programme includes a full warranty. If a properly maintained sensor fails within the two-year period, we'll send you a working sensor free of charge

\* Some sensor versions are excluded from the Water Sensor Exchange programme. Please contact Alfa Laval to check the compatibility of your PureSOx system's sensors.

## How the service can be delivered



### Additional VGP calibration if needed

If you sail in United States waters and want to discharge your scrubber water there, your PureSOx system needs further attention to stay compliant. The Vessel General Permit (VGP) regulations issued by the Environmental Protection Agency (EPA) demand annual calibration of water sensors and other continuous monitoring equipment.

VGP calibration is an optional expansion of our Exchange Programme for PureSOx. In the same proactive way, Alfa Laval experts coordinate and handle:

- Annual calibration of scrubber PAH and turbidity sensors (by exchange)
- Annual calibration of the gas analyser module (on board)
- Annual calibration of the water cleaning unit/system turbidity sensor (on board)



### Other services for PureSOx

- Condition Assessment
- Energy Reduction Mode upgrade
- Annual gas analyser calibration
- Exchange Programme: gas analyser module
- Dry dock services

### 24/7 Service & Support

With service centres, field service engineers and spare parts distribution worldwide, our Alfa Laval Marine Service network is always on the job for you. When you contact our 24/7 Service & Support, our service experts coordinate everything to solve your need – across oceans, continents and time zones.

Contact your local Alfa Laval office

[www.alfalaval.com/contact-us](http://www.alfalaval.com/contact-us)

