



# Alfa Laval PureSOx Discharge Water Testing Service

## Convenience in proving discharge compliance

Discharge water testing confirms that exhaust gas cleaning systems operate within stipulated limits. IMO requires testing after scrubber commissioning and before each new vessel survey, but more frequent testing is optional – and some stricter local regulations demand it. In United States waters, for example, compliance with the Vessel General Permit (VGP) requires two tests in the first year and one each year thereafter. Using our PureSOx Discharge Water Testing Service, you can meet these requirements simply, reliably and cost-efficiently.

### What we do

To prove discharge compliance, a laboratory must analyse a discharge water sample from your exhaust gas cleaning system. The main indicators are nitrates, i.e. the amount of unscrubbed NOx in the water, although PAH, metals and oil are also assessed. Coordinating the work and lab arrangements can be complex and time-consuming, but Alfa Laval Marine Service experts can take charge of the process.

When the time comes, we initiate the service and supply a convenient sampling kit. You get all the instructions and support you need to take and handle the sample correctly. We then handle the coordination with our experienced lab partner, compiling the lab's results into a final report that you present to authorities upon inspection.



### Benefits

- No scheduling – we initiate the service when you need it
- No hassle – we handle the lab arrangements and administration
- Easy proof of compliance with our final report
- Fixed annual payment as part of an Alfa Laval Service Agreement
- Simple peace of mind



**Scope of service**

Working closely with our network of experienced lab partners, Alfa Laval manages the entire discharge water testing process:

- **Needs assessment**  
Together, we identify the frequency of testing needed and match the requirements to your vessel's sailing schedule.
- **Sampling kit delivery**  
When the time for sampling comes, we initiate the service and send a sampling kit to your vessel. You receive everything needed to take, store and send the water discharge sample correctly.
- **Lab coordination**  
We inform our lab partner when the sample will arrive and take care of any other arrangements prior to analysis. After analysis, we receive and process the lab's results.

• **Documentation**

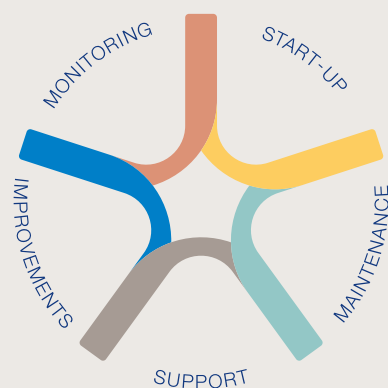
We provide you with a clear final report for your EGC record book, so that you can easily prove your compliance to authorities.

**Scope of supply**

- Sampling kits delivered as needed when discharge water testing is required
- Compliance reports for your EGC record book after each test

**Other 360° Service Portfolio services for your equipment**

- Alfa Laval PureSOx Condition Audit
- Alfa Laval PureSOx Connect
- Alfa Laval PureSOx Exchange Programme
- Alfa Laval PureSOx Spare Parts
- Alfa Laval PureSOx Sprayer Replacement Programme
- Alfa Laval PureSOx Training
- Alfa Laval PureSOx VGP Calibration Programme



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**How to contact Alfa Laval**

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com)

**100009826-1-EN 2302**

Alfa Laval reserves the right to change specifications without prior notification.