



Performance Audit for Alfa Laval Aalborg Boilers

Assessing the boiler to optimize performance

The Performance Audit for Alfa Laval Aalborg boilers is a service for assessing your Aalborg boiler systems and determining their actual performance. With the insights it brings you, you can take timely, proactive steps to ensure full peace of mind.

The service can be used at any time, but it is especially important when the performance of a boiler system – or specific components within it – is degraded or in need of evaluation. The information it provides can be used to predict your boiler's future status and to plan or optimize preventive maintenance, as well as to identify possible upgrades and improvements.

What we do

During a Performance Audit, we perform a general inspection of the boiler systems on board and check the operating parameters of their burner and control systems. This should be done on a regular basis, because boiler performance changes over time, which can result in less efficient combustion. In addition, we physically inspect the burners and measure their combustion performance.

At the end of the service, we provide you with valuable reports. These contain not only the technical findings, but also advice regarding operation and potential equipment upgrades or process improvements. We also take the chance to discuss maintenance and operating procedures with the crew.



We can perform the service anywhere in the world, even at short notice. All work is carried out on board by certified and experienced Alfa Laval service engineers – in port, at a shipyard or at sea during your vessel's normal operation.

Benefits

- Ensured reliability for maximum uptime
- Reduced maintenance and spare parts consumption
- Optimized combustion and overall boiler performance
- Minimized operating costs
- Opportunities to improve your equipment and operations
- Fixed price at most main ports



Scope of service

- **Preparation**
 - Contact with ship agent, get ETA/ETS and quay # or ISPS announcement via web tool
 - Check-in at security and travel to ship
- **Execution**
 - Briefing with chief engineer and operators
 - General inspection and function test of control panel
 - General inspection of feed water system
 - General inspection of fuel oil supply system
 - General inspection of combustion air control system
 - General inspection of boiler field instrument
 - General inspection of main burner and pilot burner (if applicable)
 - General inspection of hotwell tank and function test of salinometer and oil detection equipment (if Alfa Laval supply)
 - Collection and check of boiler process parameters
 - Safety device test
 - Analysis of boiler alarm list
 - Test of boiler start/stop
 - Identification of spare parts stock on vessel
 - Combustion measurement with one selected fuel type
 - Q&A with chief engineer and operators

- **Follow-up**
 - Comprehensive performance reports
 - Maintenance recommendation reports

Scope of supply

The Performance Audit is applicable for Alfa Laval Aalborg boilers with burner/control systems from Alfa Laval (including Weishaupt and Oilon burners). It is an all-inclusive service that is available at a fixed cost per vessel in a range of harbours worldwide. For relevant harbours and pricing, or to receive a quote for inspection while your vessel is sailing, please contact your Alfa Laval sales company.

When to use the service

A Performance Audit can be performed at any point in a boiler's life cycle. The service is especially recommended:

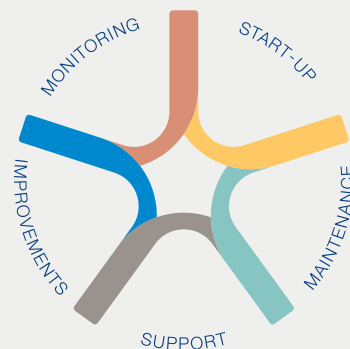
- Prior to dry docking
- When a vessel is added to your fleet
- When experiencing high spare parts consumption
- When lifetime extension is in focus
- When improving operational performance is essential
- When peace of mind is vital

Other 360° Service Portfolio services for your equipment

- Alfa Laval Pressure Part Inspection for Aalborg boilers
- Alfa Laval Troubleshooting for Aalborg boilers
- Alfa Laval Spare Parts for Aalborg boilers
- Alfa Laval Repair for Aalborg boilers
- Alfa Laval Dry Dock Services

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



100004416-1-EN 2203