



Alfa Laval Performance Audit for Aalborg boilers

Assessing boiler performance for complete combustion optimization



The Performance Audit for Alfa Laval Aalborg boilers is a service for assessing your Aalborg boiler system and determining its actual performance. It can be used when the performance of the boiler system – or of specific components within it – is degraded or in need of tuning, and/or when troubleshooting is required to restore operation. The information it provides can be used to predict your boiler's future status and to optimize preventive maintenance, as well as to identify possible upgrades and operational improvements.

The service can be used at any point in your boiler's life cycle. Above all, your boiler's burner and control system should be checked on a regular basis. Over time the performance of the boiler changes, which may lead to less efficient combustion. Inspecting the burner and adjusting it for optimized performance is part of the Performance Audit.

The service can be performed anywhere in the world, even at short notice. All work is carried out on board by a skilled Alfa Laval field service engineer – in port, at a shipyard or at sea during your vessel's normal operation.

Benefits

- Optimized combustion and overall boiler performance
- Verified operating reliability of combustion system equipment
- Increased boiler uptime
- Reduced spare parts consumption
- Reduced operating and maintenance costs

Scope of service

• Assessment of equipment performance

Investigation and testing that involves:

- Condition and function verification of burner management system
- Condition and function verification of field instrumentation
- Troubleshooting
- Audit of combustion performance
- Problem-solving in the case of a malfunction

• Service report

Presents the findings of the service visit, including:

- Causes of damage
- Improvement recommendations
- Repair or upgrade proposals (when applicable) with payback analysis

Scope of supply

Alfa Laval can audit the performance of both Alfa Laval Aalborg boiler systems and other boilers. The service visit typically involves the following activities:

- Check of process parameters, both historical and during running conditions
- Check of alarm history to determine status and necessary actions
- Verification of FD (forced-draught) fan function, including controls, actuators and functions/leakages
- Operational test of fuel changeover (if fuel sources are available)
- Check of combustion performance
- Safety check of burner management system
- Report on inspection including cause of damage, improvement recommendations, repair and upgrade proposal, if any
- Recommissioning or burner adjustments

Other 360° Service Portfolio services for your equipment

- Alfa Laval Condition Audit for Aalborg boilers
- Alfa Laval Troubleshooting for Aalborg boilers
- Alfa Laval Spare Parts for Aalborg boilers
- Alfa Laval Repair for Aalborg boilers



Extending performance with the Alfa Laval 360° Service Portfolio

Our extensive service portfolio offers all the services you need to ensure top performance, maximum uptime and operating efficiency from your Alfa Laval equipment throughout its life cycle. Our committed team's expertise and the availability of parts bring you peace of mind.



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

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.