



Alfa Laval

Onboard repair

For boilers

Restore lasting performance by turning to the experts

When marine boilers need structural or mechanical repair, look to Alfa Laval for comprehensive service with unparalleled value. We go beyond mere fixes, providing technical advice and repair solutions that minimize downtime and maximize efficiency. As a maker of boilers and other marine equipment for over 100 years, we have deep knowledge and a proficient engineering team that ensure reliable repair work – so that you avoid recurring issues.

Our service helps you with:

- Return to safe, reliable, efficient and/or compliant operation
- OEM insights and documentation supporting precise and class-compliant repairs
- High-quality repair work that secures lasting performance
- Approved materials and repair procedures per class regulations
- Engineering capabilities and global knowledge support

How it works

Repair is needed when your boiler's mechanical performance degrades to a point that impacts your operations or causes an unplanned shutdown. But it's also a way to extend your boiler's lifetime and prevent a possible breakdown later on.

We can help you identify boiler repair needs through a pressure part inspection. Above all, we're the right partner to restore your boiler to good-as-new condition. We can carry out onboard physical repairs of any type of boiler system, regardless of its brand. We offer:

- *Partial repair / life extension*
As recommended after inspection or based your specifications, this typically includes replacement of plate, pipes and other boiler parts, including refractory and insulation.
- *Full repair*
This includes solutions such as full retubing of boilers and waste heat recovery units using class-compliant original or upgraded designs.
- *Boiler replacement*
This is a total rebuild on board, replacing your existing boiler with a new one. The replacement design can be based on the original Aalborg boiler drawings or on your new requirements.

Our certified repair experts manage every aspect of the boiler repair process – from initial condition assessment and repair planning to precision fabrication, machining and installation of replacement components. Their scope includes specialized welding techniques, tube rolling, refractory work and other hot work operations. All activities are carried out in full compliance with class rules and marine safety standards.

Thanks to global support network and strategically located service centres, our experts can make repairs on a scheduled or emergency basis – at a shipyard, in port or at sea.

How the service can be delivered



On site



Remotely



At service centres



On board



In dry dock



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.

Onboard repair for boilers



Related services for boilers

- Performance Assessment
- Pressure part inspection
- Dry dock services
- Replacement and retrofit
- Alfa Laval Touch Control upgrade
- Spare parts

Contact your local Alfa Laval office

www.alfalaval.com/contact-us

