



Dry Dock Services for Alfa Laval Gas Combustion Units

Preventive maintenance to ensure continued performance

Preventive maintenance reduces unplanned stops, increases equipment lifetime and avoids workplace accidents. When it comes to your Gas Combustion Units (GCUs), the best time for preventive maintenance is when your vessel is in dry dock. Taking advantage of the opportunity improves GCU system reliability and reduces the risk of downtime when your vessel is in service.

What we do

Alfa Laval can provide a customized proposal for servicing your GCU in dry dock, fully tailored to your needs. In general, we recommend:

- Renewing key GCU parts to maintain reliable operation
- Performing an Alfa Laval Condition Audit with focus on the following:
 - Exhaust stack, combustion chamber, burner and accessories
 - Fan and air heater
 - Power and control cabinet
 - Gas valve train and air valve train
 - Function test of the automatic control system



Engaging our skilled engineers for inspection and service will ensure that your GCU systems get the service they need, executed with Alfa Laval's high standard of quality. For more information, please contact your local Alfa Laval sales office.

Benefits

- Reduced risk of breakdowns
- Optimized GCU system performance
- Long-term reduction of OPEX via optimized maintenance schedules
- Extended GCU system lifetime

Scope of service

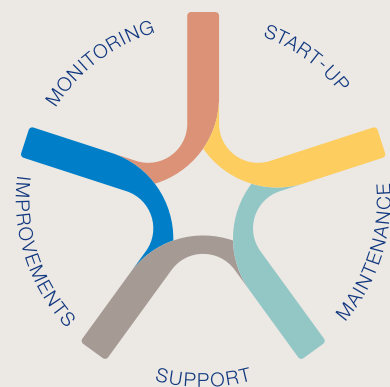
Alfa Laval can perform a wide range of GCU services while your vessel is in dry dock. We recommend inviting an Alfa Laval expert to perform a pre-docking inspection of your GCU system, so that they can identify parts in critical need of renewal during dry docking.

If a pre-docking inspection is not possible, our experienced professional will:

- Thoroughly examine the combustion chamber and exhaust stack, and replace key components such as spark ignitors and the exhaust gas stack thermocouple according to Alfa Laval maintenance recommendations
- Conduct a detailed inspection and leak test of the gas valve unit (if there is pressure present in the pipes) to ensure proper function
- Perform a comprehensive assessment of the control systems, replace key components such as the UPS and soft start unit (if necessary), and conduct a function test to ensure proper performance
- Conduct a precise evaluation of the fan motor, bearings, drive belts, impeller and other components to ensure they are functioning correctly

Other 360° Service Portfolio services for your equipment

- Alfa Laval GCU Service Kits
- Alfa Laval GCU Condition Audit



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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

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