

Explore

Alfa Laval

Condition Assessment

For Gas Combustion Units

Safeguard continuous operation with expert insights

Your Alfa Laval Gas Combustion Unit (GCU) plays a vital role in your LNG carrier's safety. Your GCU is exposed to high operating stresses throughout its lifetime, so it's crucial to prevent any possible failure. That's why periodic inspections are best practice for preventive maintenance. In a Condition Assessment, we inspect the most critical components of your GCU and determine their actual condition. That way, you can take proactive steps to prevent downtime and ensure peace of mind.

Our service helps you with:

- Expert insights into your GCU's actual condition
- Reduced risk of unscheduled system downtime
- Savings through planned actions rather than emergency repairs
- Assured safety in operation

How it works

A Condition Assessment is an onboard equipment survey that identifies issues before they lead to problems – and highlights potential opportunities. Although the Alfa Laval GCU is proven reliable and doesn't require intensive maintenance, we recommend a yearly Condition Assessment to minimize the risk of a breakdown and potential off-hire. The service is also a good idea when acquiring a new vessel or preparing for dry dock.

During the Condition Assessment, our certified Alfa Laval Marine Service engineers make a thorough visual inspection of your GCU's components and their mechanical condition. They closely examine the exhaust stack and combustion chamber. In addition, they check the operating parameters of the gas valve unit (GVU), burner and control system.

Following the onboard survey, we provide a detailed report with recommendations for addressing issues and optimizing GCU performance. Our clear advice will help crews operate the system more effectively, and we'll let you know of available improvements or upgrades.

Thanks to our global network, you can request a Condition Assessment anywhere. Our presence in major ports means limited travel and low administration costs. We can even arrange for a survey at short notice, including during your vessel's normal operation.

How the service can be delivered

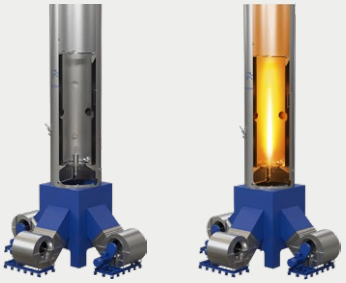
On site | Remotely | At service centres | On board | In dry dock





Other services for gas combustion units

- Dry dock services
- Troubleshooting
- Onboard repair
- Service kits
- Spare parts



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.

Contact your local Alfa Laval office

www.alfalaval.com/contact-us