



## Alfa Laval Condition Audit for Smit inert gas system

Cost saving insights into actual system condition



Your Alfa Laval Smit inert gas system requires little effort from the crew to operate reliably. However, periodic inspection in the form of a Condition Audit provides expert insights and advice that can be used to optimize its performance and secure long-term availability.

### What we do

A Condition Audit determines the actual condition of your inert gas system. It reports the maintenance status and possible service needs before performance is impaired or an unplanned shutdown occurs.

There are two types of Condition Audits, BasiCare and TotalCare. These can be further tailored to meet your specific needs, e.g. for a pre-docking inspection. The audits are completed with a comprehensive report that includes all the findings, along with detailed maintenance or repair advice.

### Benefits

- Reduced risk of unscheduled repairs and system downtime
- Savings through planned corrective actions rather than emergency repairs
- Scheduling of service work to match dry dock planning
- Improved crew knowledge and assurance of correct operation and maintenance

## Scope of service

There are two types of Condition Audit for Smit inert gas system:

- **BasiCare**

This audit checks individual components, fine-tunes operating parameters and ensures that the vessel's crew understands how to maintain and use the system in a proper and optimal way. The follow-up repair work can be arranged efficiently for all parties.

- **TotalCare**

This audit is an extension of the BasiCare programme and includes replacement of a number of critical and consumable spare parts. It provides the best of both worlds: a condition status report and optimal uptime for peace of mind.

During a Condition Audit, an Alfa Laval field service engineer inspects your inert gas system with specialized equipment. Depending on the type of generator and audit, the following will be checked:

- Compressors, blowers and fans
- Combustion chamber
- Fuel oil pumps and supply
- Analyzers and probes
- Control panels
- Gas dryer system
- Gas chiller system
- Valves and instruments

## Scope of supply

Condition Audits can be performed on all Alfa Laval Smit inert gas system:

- Alfa Laval Smit LNG/LPG (BUFD/BUCD)
- Alfa Laval Smit Combustion (FU/BU)
- Alfa Laval Smit Gas MEM
- Alfa Laval Smit Combustion Portable (Portinert)

## 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](http://www.alfalaval.com).



## Other 360° Service Portfolio services for your equipment

- Alfa Laval Equipment Upgrades for Smit inert gas system
- Alfa Laval Troubleshooting for Smit inert gas system
- Alfa Laval Training for Smit inert gas system
- Alfa Laval Spare Parts for Smit inert gas system

