



Healthy yeast improves product quality

Yeast Management Audit

To benchmark and optimize the quality and performance of your yeast propagation technology, Alfa Laval offers a Yeast Management Audit to identify areas for improvement. This means that you can focus on your core business while we ensure that you get the best performance possible from your brewery equipment.

A Yeast Management Audit lets Alfa Laval and SCANDI BREW® experts provide you with a thorough system assessment, from propagation to storage and pitching. Initially, the Yeast Management Audit applies only to SCANDI BREW yeast propagation plants and yeast storage tanks.

This audit service also enables you to check the current mechanical status of your installed SCANDI BREW plant, compare it to the standards of your original setup and technology, and benchmark your yeast propagation technology against SCANDI BREW and industry standards.

Audit services

The Yeast Management Audit consists of two service activities, a yeast technology audit and a post-commissioning review.

- Yeast technology audit.

By answering a questionnaire, you provide us with details of the equipment and process you have in place. The questionnaire addresses the most important aspects of yeast propagation, yeast storage and yeast pitching, including these areas:

- Propagation wort quality.
- Propagation process.
- Pre-treatment of harvest yeast.
- Yeast storage.
- Yeast pitching.

As an integrated part of the yeast technology audit we also evaluate laboratory data such as:

- Cell count.
- Plato.
- Alcohol.
- Dead cells.
- Yeast concentration, spin down or dry solids.



A Yeast Management Audit is a sure way to improve yeast quality and, as a result, beer quality.

This data can be provided by your own laboratory or a reputable third-party laboratory capable of analysing samples from your yeast tank/s.

Based on your answers, our SCANDI BREW experts:

- Assess the actual condition and performance of your yeast propagation technology.
- Write an audit report on their findings.
- Recommend steps services to improve the quality of your yeast propagation processes.

- Post-commissioning review.

An Alfa Laval brewery expert inspects the physical installation, paying particular attention to critical components such as valves, pumps, tanks as well as instrumentation and controls.

In addition to the visual inspection, our expert gathers historical data on the service and maintenance carried out on your yeast propagation equipment. Alfa Laval's own maintenance files as well as your service organization may provide the service data including key information such as:

- Type and frequency of the services performed.
- Parts replacement information, which enables us to benchmark service performed with Alfa Laval's recommendations for parts replacement.
- Equipment breakdown (if any).
- Operational and CIP experiences.

Benefits

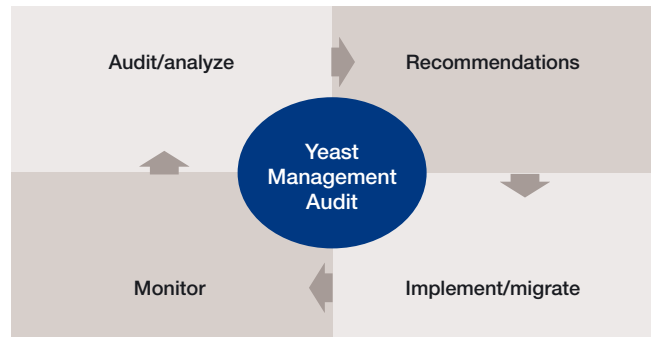
The Yeast Management Audit provides well-defined services from Alfa Laval, which enable you to:

- Assess the performance and potential of your plant.
- Use of expert knowledge, analysis methods and tools.
- Identify solutions for changing process and plant specifications.
- Implement best practices to improve the operation and maintenance of your equipment.

What you get

As a result of your Yeast Management Audit, you receive a comprehensive audit report for the yeast technology audit and post-commissioning review.

The report details the current status of your operations, service history and comparative data of equipment (originally commissioned versus current status).



When applicable, we recommend how to:

- Boost performance with regard to quality, quantity and efficiency.
- Reduce total cost of ownership (both operation and maintenance costs).
- Optimize equipment lifecycle costs.
- Extend service lifetime.
- Improve operation and maintenance through standardization, simplification and training.
- Change process specifications with regard to the level of automation, yeast ingredients and recipe and cleaning.
- Minimize environmental impact of equipment operation.
- Improve safety standards.
- Meet new regulatory requirements.

Finally, we detail the results you can expect by implementing these improvements at your plant.

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