



Customer Training

Wastewater treatment



Why train your personnel?

Among your most important assets are knowledgeable and motivated operational and service staff who understand the importance of proper equipment use and handling. For this reason, we offer a mix of practical, theoretical and do-it-yourself training courses.

Strengthening staff competence will help you get the most from your equipment and reduce CO₂ emissions by minimizing energy consumption. It will also show that you value the people in your organization. Standard and customized programmes are available to help your staff achieve optimal productivity, prolong equipment service life and consequently save you time and money.

Competence – a limited shelf life

No organization is static and, as it develops, the personnel need to develop with it. Competence has a limited shelf life – what an employee knows at the beginning of his or her employment is often not enough later on. Existing employees often need to refresh their knowledge and employees who have recently joined the team may need to be trained in new skills.

Professional, structured training for operators and maintenance staff in wastewater treatment processes generates many positive effects. These range from increased uptime, higher output and improved safety to soft values, such as enhanced motivation and commitment among your personnel.

Introduction

Welcome to Alfa Laval's targeted training programme for users of our equipment and systems for wastewater treatment. Alfa Laval instructors blend their own hands-on experience in equipment operation and maintenance with theoretical and design-related expertise. This enables them to provide the optimal combination of theoretical and practical training needed to take full advantage of this state-of-the-art equipment.



Challenges in wastewater treatment

Today, the focus is on cost reductions and minimizing CO₂ emissions by consuming less energy. You also want to maximize uptime and achieve the highest output from your process. To achieve these aims, it is necessary to have state-of-the-art equipment and systems, operated and maintained by highly skilled and knowledgeable personnel.

Results of the wastewater treatment training

Your personnel will learn how to optimize the performance of the equipment, identify problems before they become critical and fix minor issues themselves as they arise. The training will result in reduced energy consumption, less maintenance costs and greater uptime which, together, add up to a more profitable plant.



Overview of the training

We adapt the training programme to your specific needs, giving full consideration to the existing level of competence in your organization.

The courses cover wastewater treatment processes, equipment operation and maintenance, and related issues. Choose between a two-day pre-tailored course package or a one-day basic programme. If neither meets your needs, you can tailor your own programme by selecting the courses you want. The training modules include:

- Process knowledge: dewatering, thickening and heat exchange
- Alfa Laval equipment: decanters, drum thickeners, spiral heat exchangers
- Operation optimization
- Erosion and corrosion
- Trouble-shooting and maintenance
- Safety and environmental aspects

Benefits of the training for your plant

The deliverables are more competent and motivated staff. We are confident that this will generate the following benefits:

Increased uptime, reduced maintenance costs

When your personnel have proper knowledge of handling the equipment your plant will achieve higher uptime thanks to fewer breakdowns. This will result in reduced maintenance costs and less money lost due to stoppages.

Process optimization will save time and money

Optimization of the process will result in less polymer consumption, higher cake dryness and less energy consumption. Your plant will run more efficiently and be better able to meet environmental regulations – all using the same equipment you use today.

Increased safety for staff and equipment

Proper operational, maintenance and service procedures according to Alfa Laval instructions ensure that both staff and equipment will be safe.

Lower maintenance costs

Equipment lifetime is optimized by following Alfa Laval's operational and service instructions and by using genuine Alfa Laval spare parts. Time and money will also be saved during planned maintenance since staffs are familiar with the tools and the service procedures.

Capital investment support

Knowledgeable and competent operating and service personnel will also be able to give qualified feedback and support when the time comes to refurbish and/or replace your equipment.

Contact us

For more details, please contact your nearest Alfa Laval representative who will be pleased to discuss your specific personnel training needs.

Important to know...

Location

The training will be held in the classroom, onsite at your plant, or at another suitable location with operational equipment.

When are courses held?

Depending on demand, dates for the courses can normally be set to suit you and your operation.

How much knowledge is required to participate?

Each participant's level of experience is evaluated prior to the training sessions to ensure that the presentations and exercises target the competence needs of your personnel. Use our expertise to focus on enabling your staff to get the best performance from your equipment, refresh their knowledge of the basics, or anything in between.

How many persons can participate?

The number of participants will be set at such a level that, based on the experience and background of the trainees, enough time is available to address, motivate and engage everyone in the different training sessions.

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