



OUTOTEC FILTER PRODUCT TRAINING

Our filtration training equips participants with the knowledge and skills required for safe and efficient operation and maintenance of Outotec Larox® filtration systems. Training is delivered by our experienced team of in-house experts, and covers both basic knowledge of filtration systems and Outotec Larox technology, as well as advanced training on optimal operation, maintenance, automation, and troubleshooting.

BENEFITS

- Provides basic knowledge of filtration principles and safe operation both for beginners and personnel requiring refresher training
- Advanced training for experienced personnel combines classroom and hands-on sessions
- Suitable for operators, supervisors, and maintenance and technical personnel
- Pre-defined modules allow customization of training content
- Training delivered at Outotec facility or on-site

Basic training

This three-day, classroom-based course covers, for example, basic operation principles, training on the operator interface unit, safe use of Outotec Larox® filters, and after-sales support. It is intended for operators, supervisors, maintenance personnel, and technical specialists, and can also be used as a refresher course for personnel who already possess a basic knowledge of filtration.

The training is divided into four focus areas:

- Technical overview – mechanical, instrumentation, electrification and automation, and hydraulic and pneumatic overview
- Operational overview – filter operation, parameter adjustment, and use of the operator interface unit
- Safety – guidelines on safe use of filtration equipment and the relevant safety regulations
- Common tools and after-sales support – guidelines on ordering parts via the online eCatalogue and using the maintenance manual

Modules

- Introduction to Outotec and filtration
- Mechanical structure of filters
- General instrumentation, electrification, and automation
- General hydraulics/pneumatics
- Process overview
- Basic operation principles
- Operator interface unit training
- Safety regulations and guidelines
- After-sales support
- Common tools

Advanced training

This five-day course for experienced personnel combines classroom-based and practical training. It comprises the three-day basic training course plus two days of training based your choice of modules from those listed below. The course provides operators and technical specialists with in-depth knowledge on running, maintaining, and troubleshooting an Outotec Larox filtration system.

Modules

- Advanced maintenance (1/2 day)
- Auxiliaries (1/2 day)
- Automation (1 day)
- Filtration parameters and process optimization (1/2 day)
- Advanced hydraulics/pneumatics (1/2 day)
- Hands-on training (1 day)
- Troubleshooting (1/2 day)
- Installation and commissioning procedures (1/2 day)
- Reference visit (1 day), supplier visit (1/2 day–2 days)

Training package during filter delivery



Outotec provides leading technologies and services for the sustainable use of Earth's natural resources. As the global leader in minerals and metals processing technology, we have developed many breakthrough technologies over the decades for our customers in metals and mining industry. We also provide innovative solutions for industrial water treatment, the utilization of alternative energy sources and the chemical industry. Outotec shares are listed on NASDAQ OMX Helsinki. www.outotec.com