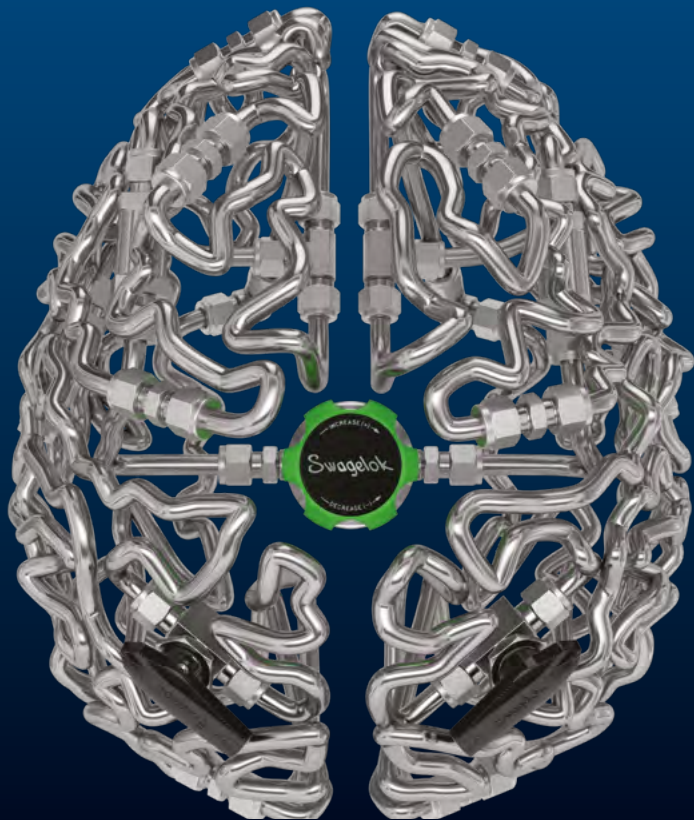


SERVICES



Swagelok

Swagelok Helsinki



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How do we solve the shortage of skills of the future? How will system's reliability be ensured in the future? What is the significance of reliability and safety?

Up to 50% of the skilled workforce will be retired over the next 10 years.

Nearly 42% of safety incidents are due to preventable errors.

Increase in production capacity, time constraints and budget variability are putting pressure for the need to change in the future.

WHY SWAGELOK HELSINKI?

Our training services will train the new workforce and quickly prepare them through learning the industry's best practices.

With our evaluation and testing services, our experienced field engineers will provide a professional assistance in preventing future malfunctions and inefficiencies.

Our extensive experience in systems application, combined with our custom solutions, will enable us to offer our customers the solutions to respond to future changes faster, more safely and more cost-effective.



Pekka Vartiainen
Chief Executive Officer

Swagelok Custom Solutions – Assembly services



Swagelok Custom Solutions is a professional assembly service that includes system design, manufacturing, testing and documentation. Swagelok® is in the forefront of developing a range of new and innovative solutions that provide customized systems with unique performance and cost effectiveness.

We can design and implement a system or sub-assembly that is tailored to the customer's needs. The units are manufactured in our premises in Vantaa or at other Swagelok-owned assembly locations.

Our service package includes:

- 3D design, exact specifications, manufacturing, testing and documentation of an assembly.
- Swagelok Custom Solution is assembled by a Swagelok certified personnel. The assembly is covered by Swagelok Limited Lifetime Warranty (see Warranty Document MS-13-123, Rev E).
- High quality Swagelok components, as well as the Swagelok approved third-party components.
- Time and budget management of the project.
- Completed assemblies are inspected, tested and delivered directly to the customer on time.

Ordering ready-made assemblies through us provides you with Swagelok's unique experience, quality and cost savings in human resources, training and specialized tools.

Swagelok Field Engineering Services - Leak Detection



Swagelok Field Engineering Service provides unbiased instrumentation piping and systems inspection and consulting services at the customer's site. In the Leak Detection, we review the condition of pressurized liquid and gas systems for safety and productivity.

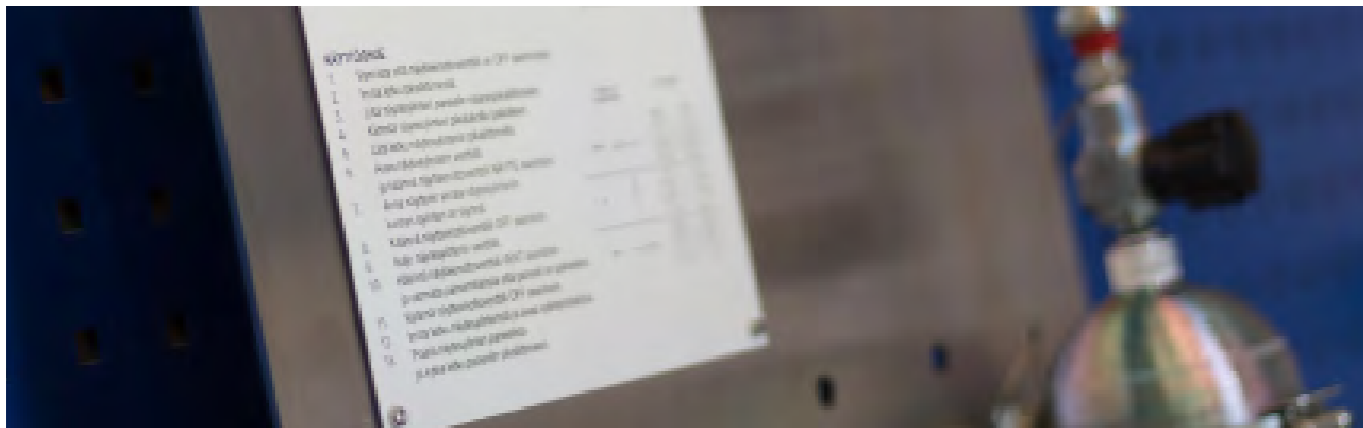
At the same time, we share Swagelok's over 70 years of experience, implicit knowledge and system development expertise.

Our service package includes:

- On-site visit to the customer's facility.
- A realistic budget and implementation schedule based on the size and complexity of the site.
- A review of the condition of the connection components.
- During on-site inspection, sealing of improvement locations are tagged without disrupting the production process.
- Comprehensive report containing details of improvements with the accurately identifying its part numbers.
- Planning a maintenance program.
- Follow-up inspection.

A well-maintained pipeline increases safety, productivity, process quality and prevents unnecessary downtime and consequential effects.

Swagelok Grab Sampling



Swagelok Grab Sampling systems have been developed to improve the sampling processes. Our assembly panels increase the safety level of the sampling processes and make samples readily available in both gas and liquid systems.

Swagelok offers two categories of grab sampling systems to fill a variety of intended uses. Two system types allow for capture into one of two types of containers — pressure-containing metal cylinders as found in the Grab Sample Module (GSM) or non pressure-containing glass or polyethylene bottles as found in the Liquid Only Sampling Module (GSL). All standard modules can be adapted to meet system requirements.

Our service package includes:

- All our sampling panels are built with reliable Swagelok components.
- Swagelok Grab Sampling is carried out by a Swagelok certified personnel. The assembly is covered by the Swagelok Limited Lifetime Warranty (see Warranty Document MS-13-123, Rev.E).
- Panels can be extensively modified to meet customer's needs. These include Swagelok-approved additional instruments from meters to flow indicators.
- The panels are product and serial numbered, for easy re-ordering.
- Support from Swagelok Helsinki, sharing its expertise in instrumentation systems and sampling.

Our sampling systems, combined with Swagelok Helsinki's local expertise, provide an excellent starting point for meeting future challenges.

Swagelok Hose Advisory Services



We provide an unbiased evaluation and advisory service for hoses and hose connections at the customer's facility.

In Hose Advisory Services we go through the plant's hose connections and hoses as required by the customer and create a database for hose register and maintenance plan.

In addition, we provide our customers with Swagelok's comprehensive expertise, industry's best practices and system development advice.

Our service package includes:

- On-site inspection of hoses, fittings and hose connections for safety, optimization and cost savings.
- Hose inspection and consulting work is performed by a Swagelok certified and approved field engineer to ensure the performance of Swagelok product's high-quality standards.
- Comprehensive report on hose condition and maintenance plan.
- Registration of hose part numbers for easy monitoring.
- Cost savings in human resources and special tools.

Well-maintained systems guarantee the highest productivity, process quality and occupational safety.

Swagelok Training - Installation, Inspection and Product Selection Training



We provide Swagelok certified training on the proper installation and product selection at our training facility in Vantaa. We also provide tailor-made trainings according to customer's requirements.

Proper installation techniques minimize installation errors and produce safer and more cost-effective systems. The right product selection minimizes order errors, improves system reliability, and avoid extra costs.

Swagelok Training is conducted by a Swagelok Certified Trainer.

Our training package includes:

- A theory section that includes the latest technology education.
- A theory section that includes the latest technology education.
- A practical training that puts theory into practice.
- A theory or practice test.
- Certificate of training.

The standard rotating courses in our training program includes

- Tube fitting installation essentials (4h)
- Tube bending essentials (4h)
- Tube fitting Installations and Inspection training (4h)
- Hose Selection essentials training (8h)
- Valve Selection essentials training (8h)

Swagelok training is aimed at inspection, maintenance, design and installation personnel who need an in-depth understanding of maintaining reliable and efficient systems and prevention management.

Our Commitment

At Swagelok Helsinki, we aim for high customer satisfaction. We do our best for our customers on a daily basis.

Customer Service

We provide personal, knowledgeable and friendly service to our customers. We are available on weekdays by telephone, email and face-to-face contact at our sales and service center in Vantaa.

Reliability

Our reliability is translated into operational dependability and security for our customers. We keep our promises with high quality products and services.

Quality

We consistently measure the satisfaction of our customers and staff. We constantly ensure and improve the quality of our operations according to Swagelok SQS-Quality system.

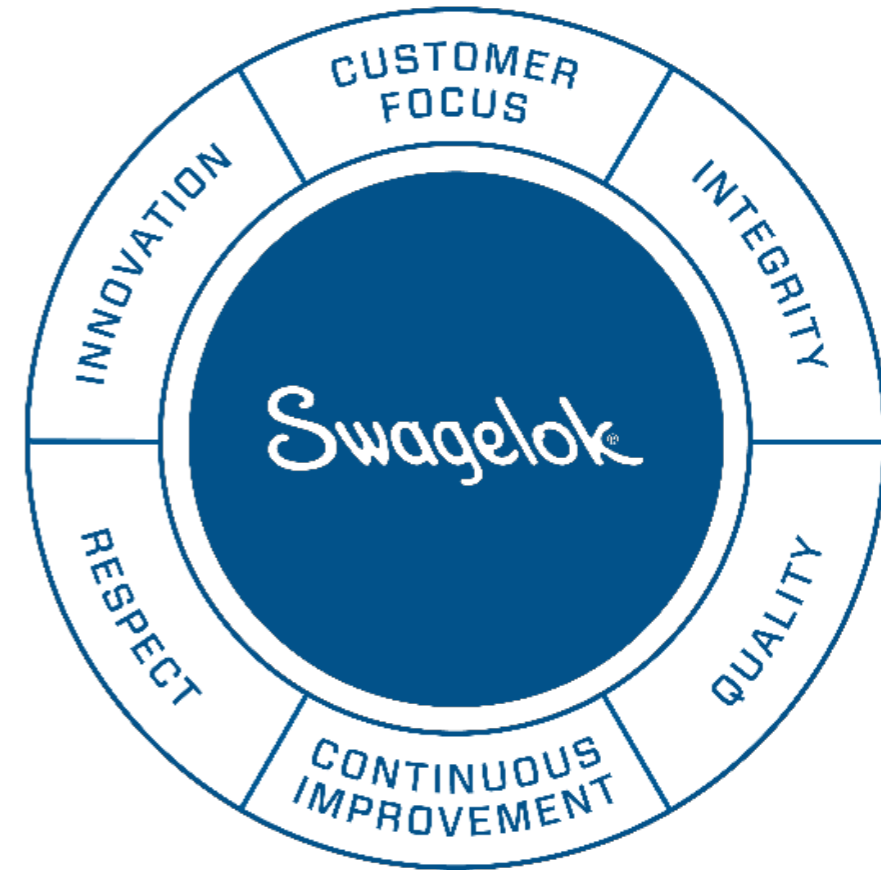
Delivery dependability

We value our delivery dependability. We deliver our products on time.

Availability

With our efficient logistics system, our warehouse can provide a good quantity of inventory products that are readily available for fast delivery.

Our quality is based on the best products, know-how, experience, skills and commitment of our personnel.



Swagelok®

SWAGELOK HELSINKI

Our Customer's best partner

Swagelok is a US-based fluid system components manufacturer and supplier. It has a sales turnover of around USD 2 billion.

Swagelok product sales and customer service under the responsibility of 225 sales and service centers located globally around the world.

Swagelok Helsinki is an independent Finnish company that operates as Swagelok's exclusive sales and service center in Finland and the Baltic countries.

Swagelok Helsinki headquarters, warehouse, production, and sales and service center are situated in Vantaa.



Swagelok Helsinki

Helsinki Valve & Fitting Oy

Koivulehdontie 3a
01510 VANTAA
FINLAND

+358 (0)9 777 1110
info@swagelok.fi
www.swagelok.fi

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