



Swagelok Evaluation & Advisory Service

Steam Trap Evaluation





Steam Trap Evaluation

Steam production costs have increased to a point where it is essential to obtain maximum steam system efficiency. With rising energy costs it is extremely important to incorporate an annual steam trap evaluation program to accomplish the following:

- Reduce energy losses
- Increase system reliability
- Keep failure rates below 3% annually
- Decrease combustion emissions
- Decrease production downtime
- Improve steam quality

We offer a comprehensive, unbiased assessment of the steam trap with a goal of reducing steam trap failure rates to 3 percent or less. Our process is entirely focused on the performance of your steam trap systems and includes:

- Discussion of any steam system issues and opportunities for improvement
- In-plant steam trap testing
- Full report documenting findings and recommendations

We use a variety of tools to test steam traps, including the following:

Visual Inspection: Observe the actual steam trap discharge. A steam trap that is leaking during the off cycle or a steam trap that is severely leaking and completely failed will be easily detected.

Ultrasonic Detection: Ultrasound devices that detect high-frequency sounds are a simple method of testing steam traps and are extremely accurate. Steam traps make distinctive high-frequency noise during the proper operation that can be distinctively heard with a high-frequency ultrasonic device.

With today's rising fuel costs increasing the cost to produce steam, now is a good time to begin a proactive steam trap evaluation program. At Swagelok, we have the tools and experience to complement your overall steam maintenance program. Do not let your steam system manage you; instead, be the manager of your steam system.



Resolute Client Experience

With Compressed Gas Leak Detection, Fugitive Emissions Evaluation, Hose Advisory and Steam Trap Evaluation services, Swagelok Calgary is your full-service provider for optimizing energy system performance.

Here's what to expect from us:

A true team member

We work together with you to positively impact your in-plant reliability, optimization, energy systems, emission reduction and your bottom line.

Dedication to your success

We are committed to providing high-impact services and training.

Hands-on support

Regardless if we're providing best-in-class training, of leveraging our expansive experience during an evaluation, we work shoulder-to-shoulder with your team in your plant.

Flexibility

Our Evaluation & Advisory service offerings are tailored to meet your exact needs.

Confidentiality

We earn your trust and confidence, and we protect your information

Values

Every day, our business lives and breathes the Swagelok values of quality, innovation, continuous improvement, integrity, respect and customer focus.

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