# Swagelok Eastern Australia and New Zealand

## Fluid System Evaluation & Advisory Service (FSEAS)



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Cost, safety and efficiency are always the primary concern of companies.

Strengthening fluid system performance and efficiency is vital in todays harsh industries.

#### Loss of System Integrity and Leakage is a risk for all Fluid System Applications

There is a continuous search for solutions to deliver sustainable improvement in safety and asset performance, while minimising cost of operations. Swagelok's expertise in fluid systems and our drive to provide value-added solutions to our customers, has led to the development of a service to address these concerns. The benefits of FSEAS are:

- Reduced operating cost and unexpected downtime
- Increased asset integrity
- Access to Swagelok technical expertise
- Access to stock for product replacement
- Analysis of site inspection results
- Strategic planning of maintenance activities



#### **Our Commitment To You!**

Our aim is to strengthen fluid system performance and efficiency by reporting in detail the condition of small bore pipe/tube and fluid system components in your system, along with suggestions ranging from safety critical urgent replacement on next turnaround to improvements for future planned maintenance.

Our team of qualified professionals will assist customers manage their plants effectively and efficiently while minimising unexpected downtime and associated costs.



#### Scope of Services

- Integrity assessment of fluid systems (eg: compressed air, vacuum and steam system leakage identification)
- Correct material and component selection, based on system requirements
- Access to stock for product replacement
- System and application improvement
- Site supervision to ensure onsite activities adhere to Swagelok Installation procedure
- Support for an installer training program and optimise installation best practises during hook up and tie-in, followed by a post build system assessment.
- Swagelok Training and consultation including repeat assessments as part of an on-going asset integrity management programme for critical and non-critical systems.









### Increased Asset Integrity + Leak Prevention = More Profit

Improve efficiency in everyday plant operations by:

- Increasing plant safety and reliability, reducing energy consumption, and reducing emissions due to component failures, installation errors, and incorrect product selection
- Reducing energy loss in everyday plant operations
- Reducing operating costs associated with gas leaks

#### **LEARN MORE**

Preparation - Analysis - Action







## Fluid system evaluation and advisory should be a top

priority when leaks can represent up to 30-40% of the volumes consumed in a plant and if unmanaged Can have serious consequences.



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