



Compressed Air Survey at AltaGas

# Evaluation & Advisory Services

## Compressed Air Survey at **AltaGas**







## Minimize Leaks | Maximize Efficiency



On October 10th, 2017, we conducted our first on-site Compressed Air Survey at where we tested 15,000+ fittings over the span of **8 days**. Of the 15,000+ fittings tested, **5.4% leaked**, which amounted to **817 leak points** detected at the AltaGas site. They received a detailed report on our findings, which prioritized leaks by severity, to assist in the repair and reduction of leak points, and the quantified cost of avoidance of the associated emissions.

With the success of the previous survey, AltaGas invited our team back to site on May

1st, 2018, where we conducted the same survey across their facility in just **6 days**. The results of the second survey verified that AltaGas is committed to reducing the cost of emissions – only **1.8%**, or **279 leak points** were detected, representing an overall reduction of leak points by approximately 66%. As part of our ongoing support and leak prevention we conducted a recent survey, returning

Date:	Job Length:	Tube Fittings Tested	Pipe Fittings Tested	Leaks Identified
Oct. 10, 2017	8 Days	12000+	3000+	817
May 1st, 2018	6 Days	12000+	3000+	279
May 1st, 2020	4 Days	12000+	3000+	120

### Conclusion:

By leveraging Swagelok Evaluation & Advisory Services – Compressed Air Survey – AltaGas was able to realize an 85% reduction in the number of leak points, and the associated quantified **cost savings of \$242,000** by reducing those emissions, with an **additional cost savings of \$250,000** by eliminating the need for another compressor. As a result, we enhanced their bottom line and improved the safety of their facility.





## Helping our Customers one solution at a time.

### “ AltaGas | Denny Mclean, Maintenance Superintendent

"As I have been heavily involved in gas plant turnarounds for many years, when I was first approached with the idea of using Swageloks' current technology to assist with turnarounds, I was not convinced that it would be beneficial. After seeing a demonstration of their capabilities, and knowing that they already perform service work at our facility ( i.e. steam trap surveys and air leak checks), we thought we would give it a try. I can honestly say that with the success we had, we will never do a turnaround without their help again."

### “ AltaGas | Greg Roberts & Anders Eriksson, Operations Coordinators

"As a team, we decided to give Swagelok a chance to prove the value of their services. Their process eliminated a lot of pre-work, re-work and cleanup for the operations crew, and looked to be a good time saver. Not only were they professional, they were very knowledgeable and proficient at the task at hand, which was to get us back up and running on time and leak free."

## About our Leak Detection Services:

We've found that about two-thirds of energy costs for compressed air can be significantly reduced without large capital outlay. Our comprehensive evaluation of your plant leverages our 70 years of expertise in fluid systems and sensitive technology to identify and quantify fugitive emissions at the source. We will work with your team to improve system performance and reduce operational costs by our proven process:

- Initial discussion to review your unique situation and requirements
- Customized evaluation proposal
- In-plant evaluation, in consultation with your team
- Detailed report with prioritized recommendations and solutions
- Ongoing support and leak prevention training
- Revalidation once remediation work complete

Let's get started!