

# Swagelok Pittsburgh | Tri-State Area

## ***Your Local Swagelok® Fluid-System Solutions Provider***

### ***The High Cost of Leakage***

#### ***Your Challenge***

A major Petrochemical customer urgently needed to reduce production costs, particularly its utility gas consumption. Swagelok was called in to thoroughly survey the account's gas systems, some built in the 1960s, that had been left unchecked for decades as no formal preventative maintenance protocol was in place. Our customer wanted to know leak locations and severity and how much repairs could potentially save.



We quickly determined that a high percentage of the site's piping, regulators, and filters was faulty, causing major air, hydrogen, nitrogen, and freon leakage and, thus, unacceptably high utility costs. In fact, the customer had even been employing expensive compressor rentals, at thousands of dollars per month, to compensate for overall poor system performance. In all, Swagelok found that almost 30% of the firm's gas consumption to be directly attributed to leakage. Not to mention the ancillary safety issues and the negative environmental impact.

#### ***Your Solution***

Using our proven ultrasonic leak detector and other standard auditing equipment, our expert Energy Evaluators spent weeks onsite at the facility's six gas units. We then delivered a comprehensive, unbiased report that showed the exact location of each leak, size and urgency of each leak, and the ROI that could be achieved if each of the leaks was fixed.



#### ***Your Healthier Bottom Line***

Just repairing the most pressing leaks could immediately save the company approximately \$500,000 per year.

In addition, reducing the necessity of the leased compressors – or eliminating them – could drive the cost savings exponentially upward. Lastly, if the account chooses to eventually repair all the identified leaks, total savings could amount to \$2,000,000 annually.

[www.swagelok.com/en/blog/identifying-cost-savings-utility-gas-systems](http://www.swagelok.com/en/blog/identifying-cost-savings-utility-gas-systems)

For more information on Swagelok Energy-Loss Evaluations and Industrial Hose Advisories, contact:

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