

Client Profile:

Industry: Specialty chemicals & adhesives
 Location: USA
 Facility Size: Multi-department production plant
 Date: October 2024
 Scope: Full-plant compressed air leak survey

Compressed Air
 Leak Audit Yields
 \$46,000+ in
 Potential Savings
 for Global
 Chemicals
 Manufacturer.



Our Mission

Over a 4-day survey, our certified ultrasonic technicians scanned every department, identified leak sources, tagged each point, and quantified the annual cost per leak. The survey followed ISO 18436-8 standards, ensuring reliable results and a clear breakdown in types of leaks and root cause analysis.



Key Findings

- ✓ Thread and tube connections were the top contributors to waste.
- ✓ System design issues (randomized air connections) increased hose usage and leak risks.
- ✓ Untreated old leaks were still active - indicating the need for structured repair follow-up and a management system
- ✓ Half the leaks were large enough to be heard - missed opportunities for easy savings.



Project Results:

"The survey gave us a game plan. Afterwards we set a budget, added flow sensors, and now we've got a clear fix-it list. This new system and with The Analysts support, we are letting estimated \$46,000 in saving erode."



About Us

The Analysts is a reliability-first consulting firm specializing in **holistic compressed air system audits, energy savings evaluations, leak detection surveys, process mapping, and system monitoring and controls**. We understand every step in your compressed air system - from the atmosphere it draws in, to the atmosphere it returns to.



Call us when compressed air is affecting your production, performance, or profitability.

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