

**MISSION
ACCOMPLISHED**

A Convenient Solution to Costly Compressed Air System Leaks

See how system-wide leak detection and repair produced rapid ROI for
Fives Giddings & Lewis in Fond du Lac, WI.



Wasmer's inspection
detected 63 leaks
and the repairs produced
significant savings in a
short period of time.

Power Savings: 648,888 kWh

Cost after Rebate: \$15,200

Utility Cost Savings: \$45,421

ROI: 0.33 Years

SITUATION

It had been several years since Fives Giddings & Lewis had conducted a compressed air leak inspection at their Fond du Lac facility.

- > **An often overlooked source of wasted energy**
Unrepaired compressed air system leaks result in anywhere from 25%-35% energy waste, depending on the number and severity of the leaks, according to Focus on Energy data.
- > **Repairing leaks saves energy and system wear**
System leaks force air compressors to work harder to compensate for the wasted air. By eliminating leaks, the compressors are no longer being tasked with producing so much air. They consume less energy and incur less wear and tear. The end result is less compressor maintenance and increased revenue due to lower energy bills.

SOLUTION

Wasmer had a trained technician inspect the entire compressed air system for leaks using an ultrasonic detector that features 124 microphones and can detect leaks from up to 300' away.

- > **All leaks were documented and tagged**
- > **Basic Repairs were completed immediately—those that required no expensive parts**

Too many times companies have leaks detected and then do not repair them. Yet, it's the combination of the two performed in quick succession that yields the greatest impact to the bottom line, including energy savings, reduced maintenance and improved consistency of flow.

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