Case Study

Electro Mechanical Services

Summary

Industry:	Food - Prepared Foods
Application:	Air Leak Surveys
Actual Saving:	£n/a
Payback Period:	n/a

ERIKS Provide Energy Savings

ERIKS Air Leak Surveys provide savings for H.J Heinz Kitt Green

ISSUE

In conjunction with H.J Heinz - Kitt Green utilities, ERIKS were tasked with identifying and resolving compressed air leaks within the Can Making department at the Kitt Green facility.

SOLUTION

Utilising the latest ultrasonic leak detection equipment ERIKS were able to identify numerous compressed air leaks. The leak detection equipment provided a fully detailed report with Db ratings and leakage volumes. Whilst carrying out this work, ERIKS also identified inefficient uses of compressed air. These uses ranged from open pipes cooling motors and open pipes blowing cans. ERIKS initiated a plan to implement the latest energy saving blowing technology, forced flow fans for motors and a fully detailed air leak repair plan. ERIKS in conjunction with an approved contractor under took the work to fix the leaks resulting in a reduction of compressed air usage of 91554 metres
cubed/week. Based on an annual 48 working weeks, this demonstrated a significant reduction in compressed air generation. The reduction in compressed air usage was validated by H.J. Heinz, via their data logging system. Further evidence of the success of this work has been reflected in a reduction of the electronic signature for the site.

OTHER BENEFITS

FURTHER COMMENTS...

"The work completed in partnership with ERIKS marks a positive move towards reducing utility usage at the Wigan site. The partnership has proved that there are tangible benefits to be gained from air leak surveys including noise reduction and improvements in energy efficiency. We now intend to continue the air leak surveys throughout the main production plant".

John Huyton
Reduction Co-ordinator
Kitt Green Utilities

MORE INFORMATION

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know-how makes the difference

ERIKS