



Summary



Industry:	Food - Dairy
Application:	Milk pasteurising line
Actual Saving:	£2,500
Payback Period:	12 months



Plant Efficiency Improved with an Air Leak Survey

Potential savings of £19,000 identified for a dairy manufacturer

ISSUE

The ERIKS on-site service centre were contacted regarding an issue on a milk pasteurising line. Initial investigation identified numerous air leaks for the large dairy manufacturer. The compressors were running to service air that was not being utilised, therefore wasting energy and reducing overall plant efficiency.

SOLUTION

After a detailed discussion with the customers engineers and further inspection of the milk pasteurising line, ERIKS proposed an ultrasonic air leak survey. The survey not only has the ability to perform the necessary tests while equipment is running - avoiding downtime - but will provide a detailed report with necessary actions and suggestions to rectify any issues found.

Once the production line had been assessed, a detailed report highlighting the improvements was produced and presented to the customer for consideration. The customer's engineering team worked through the findings and made the necessary adjustments to meet the recommendations suggested. In total the report highlighted 39 individual air leaks which, when fixed will result in a cost saving of £19,000.

OTHER BENEFITS

- Improved plant efficiency, eliminating wasted air
- Reduced energy consumption
- In-house technical support

FURTHER COMMENTS...

The customer is pleased with the potential savings that have been identified, so far he has fixed five air leaks saving £2,500.

MORE INFORMATION

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