



Summary



Industry:	Food - Dairy
Application:	Boiler house and production line
Actual Saving:	£1,500
Payback Period:	12 months



ERIKS Surveys Identify Energy Saving for a Dairy Manufacturer

Plant efficiency and reliability significantly improved with steam trap and air leak surveys

ISSUE

A large dairy manufacturer were looking for technical assistance after they had found that a number of steam trap valves had failed, significantly increasing energy consumption.

The customer also found numerous air leaks within the plant, resulting in falling efficiency levels and increasing operational costs. ERIKS technical engineers suggested conducting a steam trap survey along with an ultrasonic air leak survey to assess their energy usage concerns.

SOLUTION

Following an in-depth inspection of the boiler house and production line concerned, ERIKS confirmed that several steam trap valves had indeed failed, costing the customer £5,000 extra each year. The steam trap survey identified boiler fuel usage and reducing steam wastage - helping the customer reduce CO2 emissions to meet their CSR reduction KPI's.

ERIKS also carried out an ultrasonic air leak survey and identified £19,000 of additional savings that could be achieved. The methods used by ERIKS engineers ensure that the production equipment can run while carrying out the relevant tests, indicating the energy being consumed and any losses being incurred by the customer.

Working alongside the customer, ERIKS helped implement the improvements highlighted in both of the reports - as these surveys were part of existing contractual agreement, we also provided the customer with saving on the cost of the survey.

OTHER BENEFITS

- Improved plant reliability
- Reduced CO2 emissions
- Identified cost savings of £24,000

FURTHER COMMENTS...

The two surveys conducted by ERIKS Technical Engineers identified savings of £24,000 for the customer.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk