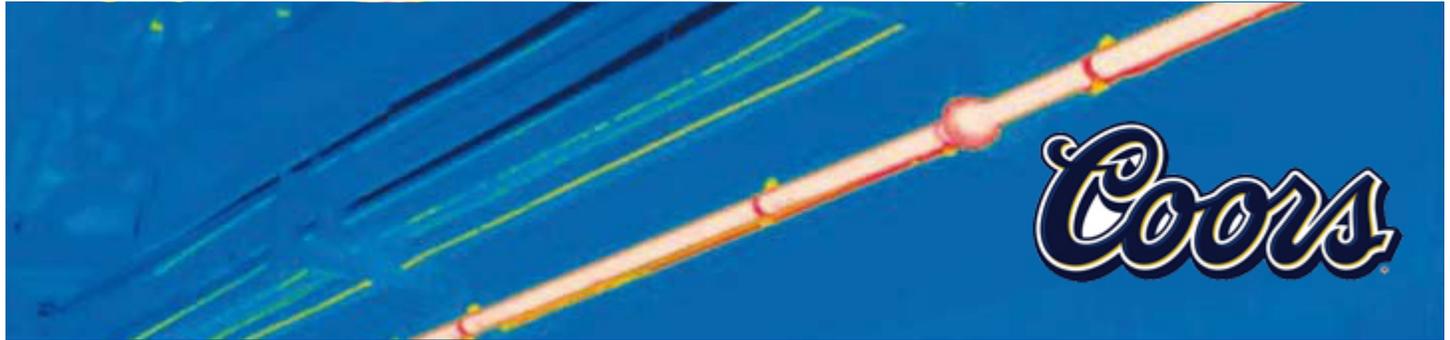




Summary

Industry:	Drink - Alcoholic
Application:	Coors - Thermal Imaging Energy Survey
Actual Saving:	£60,000 potential savings
Payback Period:	



Thermal Imaging Energy Survey Reveals Cost Savings

Thermography team fine tune energy costs for Coors

ISSUE

The new ERIKS thermography department based in Tyseley, Birmingham has achieved a notable success in offering the Coors brewery in Burton the potential to save up to £60K annually in energy costs. Always looking for ways to further refine its energy efficiency Coors worked with ERIKS Electro Mechanical Services and initiated a survey, using thermal imaging which traditionally it has used for condition monitoring, to study the heat and energy loss from other diverse areas of its facility. Taking two days, the survey cost Coors less than £1k and was conducted using a FLIR ThermoCAM P640 and encompassed boiler houses, overhead pipe work, tank houses, brew house, powder rooms and outside areas across the No1 brewery.

SOLUTION

Once the survey was complete a simple to understand report was generated for Coors' energy manager, that gave digital photographs alongside thermographic images highlighting 'hot spots'. Alongside this Electro Mechanical Services also provided an easy to use power loss calculation, the total power loss is a combination of the loss through convection and radiation. The power emitted from a pipe is calculated and as the price of electricity per KW/h for Coors is known then the cost to heat the surrounding air can be determined.

As well as investing in equipment, ERIKS has also invested in the training of its staff and it now has access to 30 thermographic technicians, located throughout the UK, that are qualified to conduct thermographic surveys at a customers site. Acting as a valuable resource to customers amid the fluctuating ecological landscape ERIKS can even help in dealing with The Carbon Trust and offer expert advice on how best customers can approach using Energy Saving Loans.

OTHER BENEFITS

FURTHER COMMENTS...

"Our success with Coors is a great example of the services offered in our thermography team. We assess the integrity of a customer's building. We look at their pipe work, heating systems, cooling equipment, windows, roofs, lagging, floors and spot areas of inefficiency."

Duncan Webb
Thermography Manager
ERIKS UK

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

know-how makes the difference

