



# FAILED ANNUAL INSPECTION LEADS TO MORE ENERGY EFFICIENT HIRE SOLUTION



## The Challenge

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A household manufacturer of base chemicals required a reliable solution for when their existing thermal oil heating system failed its annual insurance inspection. The existing system driven by a steam boiler provided thermal transfer oil to a number of vital reaction vessels around the site via a heat exchanger feeding a ring main.

ICS Cool Energy

"We were able to mobilise our equipment quickly and working with our heat exchanger manufacturer we were able to repurpose existing heat exchangers to suit the new application quickly and efficiently."

## WE MAKE IT WORK

### The Solution

Following the attendance of the site by a rental application engineer, several smaller boilers were specified to provide localised heating for each of the vessels. This solution ensured that the equipment was used in the most economic fashion, only run when required. Also, new heat exchangers were specified as water was being used instead of steam.



### The Result

The manufacturing plant was able to recommence production within 48 hours of the recommend equipment being condemned. After several months of operation, it was clear that the new solution was far more energy efficient than the old system and has since been contracted for a minimum of 5 years.

“ Good service from start to finish. Helpful and knowledgeable installation team who stayed and gave advice when initial problems manifested. Worked with us to provide ongoing support for the future  
5 Star review on [Trustpilot.com](#) ”



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