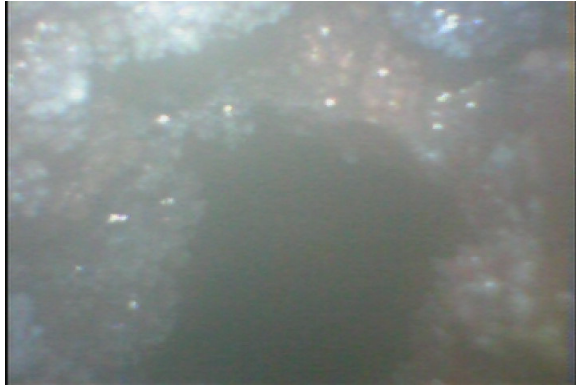




Case History



Date
June 2009

Customer
Carillion Enterprise Ltd

Location
An RAF Base

Product Used
Dynamic Descaler

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Water Boiler

Background

The water boilers at certain RAF Bases are maintained by Carrillion Enterprise Ltd. Some of these boilers walls and pipe work were so heavily scaled that the boilers were overheating and causing premature failure of expensive gas parts at the same time

Carillion Enterprise Ltd approached HITEK-nology Solutions Ltd to provide a solution.

Treatment chosen

A proof of concept trial was carried out using Dynamic Descaler (DD).

Prior to commencement of the de-scale the system was emptied and pictures of the inside of the boiler taken with an endoscope

The DD was mixed at 25% DD and 75% water. This mix was circulated for 3 hours and the pH continuously monitored.

After 3 hours the system was emptied. Pictures were then taken again with the endoscope; this showed that the system was now clean and de-scaled. The system was then flushed with normal water, the pH was checked to ensure that it was back to normal, and the boiler then placed back into normal use and did not overheat.

A full report is available for this proof of concept trial