




The Royal Wolverhampton 
NHS Trust

The Royal Wolverhampton NHS Trust is one of the leading acute and community trusts in the region. Employing more than 6,700 staff, it provides a comprehensive range of community, acute and specialist services for the people of Wolverhampton and the wider Black Country.

"adi Environmental provided an excellent solution, which required detailed planning and dedicated work from everyone on the team, to ensure that the installation and commissioning was delivered according to plan. We have established a good open relationship which has resulted in significant operational benefits, including improved efficiency, de-risked processes and cost savings to a critical service. A job well done."

adi Projects provides:

- Water Treatment: Cooling towers, steam plant, process and compliance management
- Air/Steam Quality: ISO 14644, air and steam quality monitoring, clean room validation and monitoring
- Risk Assessment: All types of water system, written scheme development and schematic drawings
- Plant and Equipment: Dosing equipment, pre-treatment equipment, plant service, recycle and reuse
- Audit and Consultancy: HS(G)274 (L8) compliance, food safety, ISO 14001, water mass balance and recycle
- Cleaning and Disinfection: System chlorination, descaling, pre-commissioning cleaning, system refurbishment

The Opportunity

The hospital, run by the Royal Wolverhampton Hospitals NHS Trust, is located in the Heath Town district of Wolverhampton, West Midlands

Given the high utilisation and the age of the existing 20 year old boiler house, it was decided, in 2013, to upgrade the facility, whilst ensuring that the work was seamless and did not interrupt the existing service provision. The work was awarded to adi Environmental, who started in October 2013 and finished in February 2014.

The Solution

The project required the removal, refurbishment and installation of plant and equipment to improve the integrity and efficiency of the heating and water treatment facility, comprising three boilers in the Boiler House.

adi Environmental's new desalination plant removes impurities from the system via a dedicated pre-treatment system which has improved the quality of the steam and hence overall efficiency. The project involved other businesses in the adi Group but was managed by adi Environmental as a single point of contact. Since completion, adi Environmental has now been awarded the annual water treatment service contract.

The Benefits

- Turnkey water treatment system upgrade during an ambitious four-month timescale.
- Close working partnership with both the client and other adi Group businesses.
- The solution offers improved efficiency and cost savings to a critical service.
- Our work met all the client's objectives and as a result, we are now supporting the project with an annual service and maintenance contract.

Get in touch:

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