



Byworth Boiler Hire Helps To Keep The Country's Hospitals In Good Health

AT A GLANCE

- Customer: NHS
- Industry: Health Care
- Product: Yorkshireman Trailer

Byworth Boiler Hire has been supporting Hospitals throughout the country for many years providing both steam and hot water boilers to hire, covering annual inspections, unexpected breakdowns or peak seasonal loading.

The first major hospital contract Byworth secured was in 2005. The project saw three new Yorkshireman 6000kg/hr dual fuel trailerised hire boilers supplied to support Doncaster Royal Infirmary's conversion from a coal to gas fired boiler house. At the time these were the largest boilers that Byworth had trailerised. They were designed to fit into a standard box van trailer with all ancillaries to make each unit a complete, stand alone, boiler plant room.

In addition to the boilers, a range of additional equipment was supplied to meet site requirements, including 5M twin wall chimney extensions, and a blowdown water tank. Following the success of this 18 month contract the Byworth has continued to successfully supply steam and hot water boilers to the health care sector.

In most cases sites require multiple boilers to ensure security of supply. This is why Byworth Boiler Hire's ability to provide modern efficient plant has ensured continued success in this sector.

Kettering General Hospital is one such example where fuel savings of over £123K were made within 12 months of two new Yorkshireman, dual fuel, hire boilers being supplied. The two boilers combined were able to provide 11,000kg/hr of steam for use across the site.

Over the course of the hire period, an excellent working relationship was developed which is key to the efficient day to day operation of the hire plant.

"Byworth Boiler Hire has provided excellent service over the duration of the hire period and we are very happy with both the Yorkshireman boilers and the company's response times.

A third 6000kg/hr Yorkshireman boiler is now on order to cover our winter period to ensure the site has significant supply for any cold spell."

Brian Mellon - Technical Manager



Byworth's extensive fleet of over 100 hire boilers is constantly being enlarged, upgraded and maintained to ensure maximum continuity and efficiency.



More recently Byworth was asked to provide assistance to Aintree Hospital, Liverpool where their main boiler house had to be shut down prematurely.

Following initial site visit two Yorkshireman dual fuel boilers, rated at 6000kg/hr & 7,000kg/hr, were supplied and installed.

These boilers remained in operations whilst major works were carried out on the existing plant, ensuring the site remained active during the boiler house shut down.

"The Byworth commitment has been excellent from day one which enabled us to get up and running within a short period of time.

It has been a lot of work but once new pipework had been installed the boilers were delivered just outside our old boiler house which enabled us to readily connect into existing services."

Alan Forrester - Senior Estates Officer

As many hospitals have aging equipment, the ability of Byworth Boiler Hire to provide short, medium, and long term solutions has proved to be popular in the current financial climate. Byworth's expert Project Management team will work with site engineers to plan, co-ordinate and manage all boiler hire installations. Full lifecycle projects that include delivery, positioning, installation and commissioning together with training ensure that critical operations go uninterrupted.

A number of ground breaking innovations such as X-ID tubes are now incorporated into the fleet. These unique tubes increase the heat transfer by over 80% versus plain tubes and are suitable for both gas and oil fired boilers. To further enhance efficiency, many boilers are equipped with state-of-the-art dual fuel burners with the option of Byworth's unique Unity boiler management system for long term hire.

The availability of gas fired boilers ensures that when hire is needed, the lower operating costs of Byworth's modern package boilers can often offset the rental charges.

Byworth also offers a comprehensive back-up service with a dedicated, experienced team of professional engineers, based throughout the UK, able to attend site quickly to provide full support