



# Hospital Reduces Gas Usage By 13% With Autoflame Upgrades

*"An excellent service and installation provided by Autoflame"*  
**David Waterman, Engineer, Northwick Hospital**

Northwick Park Hospital have used Autoflame Combustion Management Systems since 1989 and benefit from the energy savings and increased reliability they deliver. With the Carbon Reduction Commitment legislation (CRC) in mind, this hospital, part of the North West London NHS Trust wanted to further reduce their fuel costs by further improvements to combustion performance.

The hospital also had a requirement to de-rate their boiler capacity; Autoflame's team of specialist engineers concluded the best way forward was to upgrade one of the hospital's three twin furnace boilers with Limpsfield burners to increase the overall efficiency of the boiler plant.

With cost being key to the upgrade, Autoflame re-used the existing panels and Autoflame Micro Modulation (MM) System to reduce the cost of the investment and minimise the payback period. Using the upgraded Limpsfield burners as 'lead' for the majority of the year, the hospital has reduced their gas use by 13% and have also benefitted from increased reliability of the new plant.

North West London NHS Trust have secured themselves a number one ranking in the CRC League table, a score that is only held by 21 other organisations out of the 2,103 registered with the scheme. This enviable position has gained them the reputation as an energy conscious forward thinking hospital riding high in the league tables of the CRC legislation.

## Existing Equipment:

Three twin furnace boilers

## Solution:

Limpsfield burners with  
integrated Autoflame MM  
Control System

## Benefits:

- Energy and cost savings
- Reduced carbon footprint
- Increased reliability
- Improved productivity
- Increased combustion efficiency
- Gas Savings of 13%

