

No.1 Poultry

London, England

A City of London landmark, leased to WeWork. Customer brief included syncing upgraded burners and controls with on-site BMS system to control heat demand.

Upgrade existing GP Unigas burners deemed end of their life cycle to Limpsfield Gas Fired burners complete with POD mounted Autoflame Mini Mk8 controls.



"I couldn't have asked for a better outcome with the performance of the team and the overall installation of the new burners."



THE PROBLEM

- Issues with the reliability of maintaining hot water & heating, required for the multiple companies occupying the building.
- The existing Unigas GP burners have been in situ for over 25 years & have now reached the end of their usable life-cycle.
- High O2 levels resulted in inefficient combustion, higher operating costs & increased emissions.



THE GOALS

- Extend life of existing boilers
- Lower emission levels
- Reduce maintenance costs
- Reduce fuel bills
- Deliver constant & efficient combustion

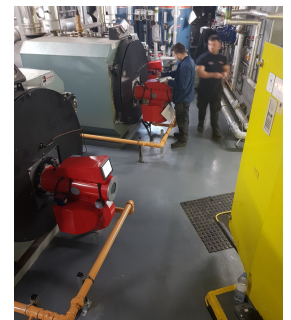


THE STRATEGY

Limpsfield LP burners were specified by the customer and installed to deliver the highest levels of performance, guaranteeing 3% O2 or less throughout the entire firing range.

In addition, coupled with Autoflame MM controls, this ensures exacting fuel/air ratio as well as linking with the client's existing BMS system to work in conjunction with the building's heat demands.

Intelligent Boiler Sequencing introduced to optimise performance & to improve boiler longevity.

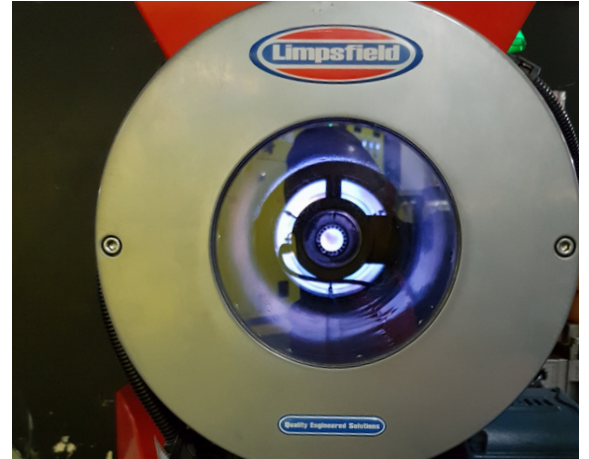
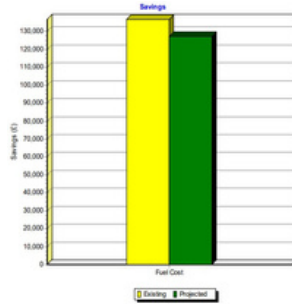


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THE RESULTS

Fuel Costs: The Fuel savings are predicted to be in excess of 10.38% which gives a return on investment (ROI) in just under 3 years.

- Increased reliability
- Reduced maintenance
- Lower emissions
- Aesthetic improvements



THE EQUIPMENT

Pre-Existing

2 x x KAYANSON E750 boilers 3 x Unigas GP burners
1 x KAYANSON E125 boiler

Newly Installed

2 x Limpsfield LPN2/880 burners with POD mounted
Autoflame Mini Mk8 MMs 1 x Limpsfield LPN1/220 burner
with POD mounted Autoflame
Mini Mk8 MM

