

NO.1 POULTRY THE CITY, LONDON

- A City of London landmark, leased to WeWork.
- Upgrade existing GP Unigas burners deemed end of their life cycle to Limsfield Gas Fired burners complete with POD mounted Autoflame Mini Mk8 controls.
- Customer brief included syncing upgraded burners and controls with on-site BMS system to control heat demand.

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

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.

GOALS

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

EQUIPMENT



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

Pre-Existing



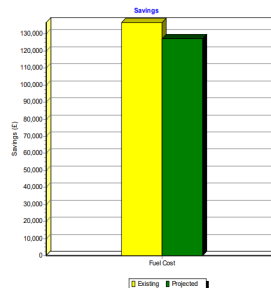
2 x Limsfield LPN2/880 burners with POD mounted Autoflame Mini Mk8 MMs
 1 x Limsfield LPN1/220 burner with POD mounted Autoflame Mini Mk8 MM

Newly Installed

STRATEGY

- Limsfield 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.

RESULTS



Fuel Costs

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

