

CASE STUDY 2025

ARGENTO TOWER

Quality Plumbing and Heating Services at Realistic Prices



OVERVIEW

- Argento Tower is a large residential development in Wandsworth, London, with a centralised heating and hot water system serving multiple apartments. Anderson & Sons Plumbing & Heating were contracted to carry out the major summer boiler service, ensuring reliability, compliance, and efficiency of the plant room equipment ahead of the winter period.
- The scope of work covered a comprehensive service of all three Wellman Robey boilers, Dunphy burners, booster sets, primary pumps, and associated control systems (BMS).



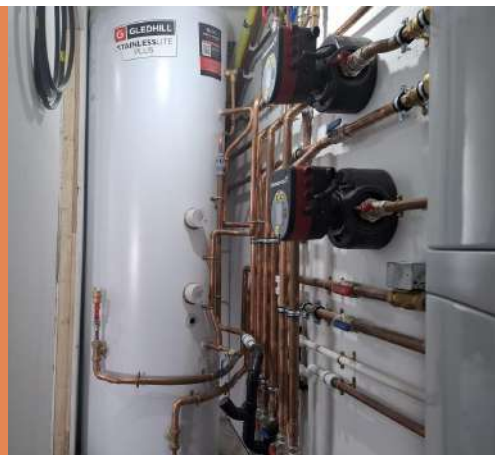
C. ANDERSON & SONS LLP

- Fulham-based, family-run plumbing, heating bathroom and building maintenance company operating since 1966.
- Recognised for reliability and quality—fully qualified engineers, no call-out charges, and a strong record of customer satisfaction locally across London andersonandsons.co.uk.
- Approved installers for Vaillant and Worcester Bosch commercial boilers with robust parts and labour guarantees andersonandsons.co.uk.

CHALLENGE

Argento Tower, a large residential development in Wandsworth, relies on a centralised heating and hot water system serving multiple apartments. With ageing equipment and signs of wear on key components, management required a comprehensive boiler and plant room service to ensure safe operation, optimise efficiency, and reduce the risk of costly mid-winter breakdowns. The challenge was to deliver preventative maintenance across all boilers, pumps, pressurisation units, and controls, while keeping disruption to residents to an absolute minimum.

Why us? Because we care...



SOLUTION

C. Anderson & Sons carried out a major summer boiler service, including a full strip-down and clean of all three Wellman Robey boilers and Dunphy burners, with ignition probes replaced as a preventative measure. Rope seals, ignition transformers, and combustion tubes were inspected, cleaned, and tested, ensuring optimal performance. In addition, the DH loop, LTHW controls, primary pumps, booster sets, and pressurisation system were tested using Grundfos software and manual checks, identifying early signs of wear and confirming all systems were running within safe parameters. The BMS controls were reviewed and recalibrated, ensuring correct boiler sequencing, setpoints, weekly pump rotation, and efficient scheduling. Preventative six-month service intervals were established for continued resilience.



IMPLEMENTATION AND HIGHLIGHTS

- Reliability improved: Ignition systems, seals, and combustion tubes serviced and replaced where necessary.
- Performance optimised: Pumps and booster sets tested and adjusted for maximum efficiency.
- Safety assured: Leak checks, valve inspections, and compliance checks confirmed system integrity.
- Smart controls in place: BMS reviewed and fine-tuned for correct sequencing and scheduling.

RESULTS & BENEFITS

- **Operational Efficiency:** Reliable heat delivery tailored to demand, avoiding overcapacity waste.
- **Energy Savings:** Expectation of significant fuel savings efficiency gains compared to older boiler systems.
- **Peace of Mind:** High-quality, locally based service and support from a trusted installer.
- **10-years** warranty on parts and labour

FUTURE PROSPECTS

Looking ahead, Argento Tower now has a structured preventative maintenance programme in place, with six-monthly servicing scheduled for boilers, pumps, booster sets, and the pressurisation system. This ensures ongoing efficiency, safety, and compliance while safeguarding the long-term reliability of the plant room. As equipment naturally ages, Anderson & Sons will continue to provide proactive recommendations and replacements, helping management plan investments in a cost-effective and futureproof manner.

