CASE STUDY
September 2025

School Plant Room Refurbishment

CLIENT	SECTOR	LOCATION	COMPLETED
GSS	Schools	SE14	September 2025



We replaced a school's plant room, taking the project from full strip-out through to the design and installation of the new system. The new layout was designed around the school's building services requirements, with access to key equipment for routine servicing and future maintenance.

The challenge

The school needed to replace its entire plant room. The challenge was to strip out the existing installation and design a replacement that met the school's building services requirements within the space available. The layout also needed to leave enough room for engineers to access and service key equipment.

The solution

We stripped out the school's existing plant room, removing the old equipment and associated pipework. We designed the replacement layout around the space available, allowing engineers to reach key components for routine servicing. We then installed the new plant and pipework and connected them to the school's existing building services.

The outcome

The school's ageing plant was replaced with a modern system designed to run more efficiently and be easier to maintain. Elecplumb also installed and commissioned a building management system (BMS), giving the estates team a central point to monitor and control the new plant. The team can adjust operating schedules around when the school is in use, helping to avoid unnecessary run time and reduce energy waste.Ð

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The new layout gives engineers easier access to key equipment for routine servicing and future repairs, making the plant room simpler to manage day to day.

Trades on this project

- We delivered the full replacement of the school's plant room, from stripping out the existing installation to designing and installing a new system tailored to the building's requirements.
- Plant room design – Developed the new plant room layout and equipment specification, taking into account the school's requirements, available space and access for future maintenance.
- Full strip-out – Isolated the existing systems and removed redundant plant, pipework and associated services to prepare the room for the new installation.
- Mechanical installation – Installed the new plant, distribution pipework, valves and associated equipment, connecting the installation to the school's existing building services.
- Electrical and controls integration – Provided power and control connections for the new equipment and integrated the plant with the building's systems.
- Testing, commissioning and handover – Tested the installation, verified system operation and handed the plant room over to the school's estates team.

On site









