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THE CHARTER SCHOOL HEATING PLANT REPLACEMENT

Client	The Charter School
Consultant	Baily Garner
Contract	The Charter School
Contract Value	£570,733.59
Contract Duration	16 weeks
Completion	November 2016
Works Description	<p>This project was based in London at The Charter School in Herne Hill.</p> <p>The Charter School is a senior school housing 1500 students and teachers across 4 separate teaching blocks. It also has a sports block, which is used by both the school and also rented out during evenings, weekends and school holiday periods.</p> <p>The works consisted of the partial upgrade of the heating plant and replacement of the district heating, hot water and cold-water pipework to the individual teaching blocks.</p> <p>The following plant was replaced as part of these works along with all of the plantroom and district heating, hot water and cold-water pipework.</p> <ul style="list-style-type: none">• 1 No. Gas Fired Boilers (out of 3)• 3 No. Gas Burners• Flue System modifications• 5 No. Pumps Sets• 1 No. HWS Return Pump• 3 No. HWS Shunt Pumps• Dirt Separators• Air Separator• All pipework, valves and pipeline equipment• Full upgrade of the existing BMS. <p>In addition to the above, the R&D survey identified a large amount of Asbestos within the working area that required removal.</p> <p>This in turn extended the contract duration and methodology leading to New HWS plant being provided to serve the school kitchens to allow the Asbestos work to be carried out during the summer holiday shutdown with the heating plant and district distribution system being replaced during September and October when</p>

the school was in occupation.

Upon completion of the installation works, the systems were fully tested before being chemically flushed, dosed before finally fully commissioned and insulated.

The plantrooms were then decorated and Handover.

