

## PROJECT CASE STUDY

# Upgrade of LTHW and DHWS PHX with Non Service Interruption

<b>Project Ref:</b>	ESP 19 0048
<b>Project title:</b>	PHX LTHW and DHWS Upgrade
<b>Client Ref:</b>	Non Disclosed
<b>Value:</b>	Circa 500K
<b>Programme:</b>	16 weeks
<b>Key Packages:</b>	ESP self delivery of Pipework and bracketry Water Treatment and Testing BMS liaison and management Management of Key plant package suppliers and EHS requirements ESP fabricated and weld tested all class 1 pipework off site for just in time deliveries Thermal Insulation and Valve Bag installation
<b>ESP Role:</b>	ESP undertook the final co ordination/planning and installation of 4No Spirax Sarco Plate Heat exchanges including the detailed shut downs and planned integration of LTHW and DHWS via means of hot tapping the existing LTHW and DHWS works included the full management of the mechanical/electrical/bms/ builderswork and commissioning of the new and dedicated plant to serve a major services building. Pre validation was undertook to read and record base line information for co ordination and ensure post perfomance results were acheived to design parameters.
<b>References:</b>	References for the above works can be supplied upon request.
<b>Project Team:</b>	M. Lambourne/K. Roberts/B. Douglas/M. Taker

