

FirePro.

Chelsea & Westminster Hospital

Location: **Europe** Dealer: **FirePro UK** Application: **High Voltage Rooms** Industry: **Healthcare**



Chelsea & Westminster Hospital is located in the heart of London. It is operated by the NHS Foundation Trust and has close links with the Imperial College of London University. Chelsea and Westminster Hospital provides a range of normal and specialist medical services for patients including accident and emergency, paediatric and neonatal intensive care, high risk maternity, burns unit, HIV, dermatology, stroke services and weight loss surgery.

FirePro Systems Used

FP-5700

Risks Involved & Consequences

The risk of fire that potentially can be catastrophic is omnipresent in all walks of life. It is more so in places where there is an increased use of electronic and other mechanical equipment that by definition require higher electrical power supply loads. Electrically induced fires occur due to shorts, oversights and other malfunctions of the equipment itself. Ensuing fire can cause great disruption to normal operations which in the case of hospitals can be dramatic in its effects.

The Task

To protect the hospital's renewed high voltage (HV) room against the threat of fire with an environmentally safe, reliable and low maintenance fire suppression system. The fire extinguishing system needs to be highly effective against various (A, B, C, F) classes of fire without producing collateral damage to either assets and/or more importantly to human life. Speed of response and effectiveness is paramount since system failure might compromise mission critical equipment and people dependent on them.



Why FirePro?

The National Health Service (NHS England) constantly demands value and quality without any discounts to safety, efficiency or effectiveness. When it came to protecting the hospital's renewed high voltage room against the threat of fire, FirePro UK successfully tendered for the design, supply, installation, commissioning and handover of a new fire detection and fixed extinguishing solution. The hospital's designated fire engineers validated FirePro as the most viable, cost effective and environmentally friendly fire suppression system for the specific application.

Results & Implementation

With no pipes to install, minimal footprint and no major Health & Safety issues to worry about, the array of control gear within the HV room is protected with FirePro. The units are installed at ceiling level and will be able to operate in any emergency situation. The system is installed and maintained at a far lower cost of ownership and is proven to be extremely reliable against similar scenarios.

