

Chelsea & Westminster Hospital New HV Distribution Room

Client:
Chelsea &
Westminster
NHS Trust

Location:
London -UK

Project:
New HV
Distribution &
Control Room
for the hospital



Chelsea and Westminster Hospital NHS Foundation Trust is in West London and provides a range of critical specialist services for patients including – Accident & Emergency, Pediatric & Neonatal Intensive Care, High Risk Maternity, Burns Unit, HIV, Dermatology, Stroke Services & Weight Loss Surgery

Project By:



Type of
Protection:
Total Flood
Room -
Compartment
Only

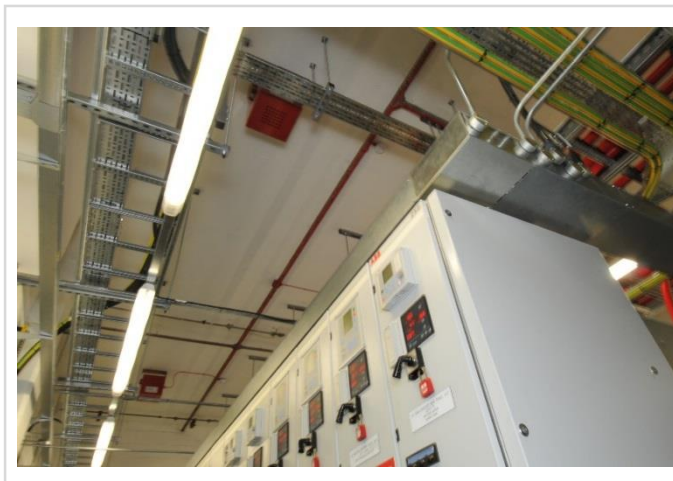
Type of Protection:

NHS constantly demands value and quality without detriment to efficiency or effectiveness. When it came to protecting the hospitals renewed HV room against the threat of fire - **FirePro** successfully tendered for the design, supply, installation, commissioning & handover of a new fire detection and fixed extinguishing solution, successfully demonstrating **Firepro** as the viable, cost effective and environmentally friendly agent.



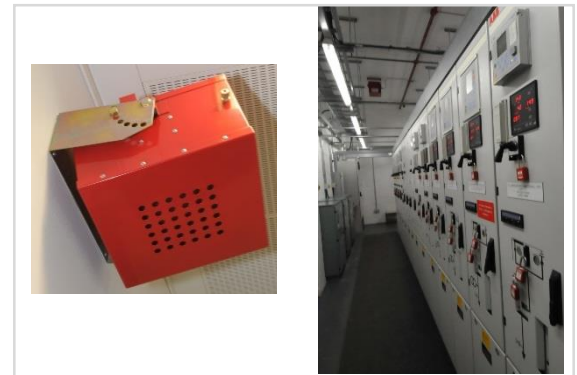
Fire Protection:

FP-5000



The Task:

To protect the hospitals renewed HV room against the threat of fire with **FirePro** units.

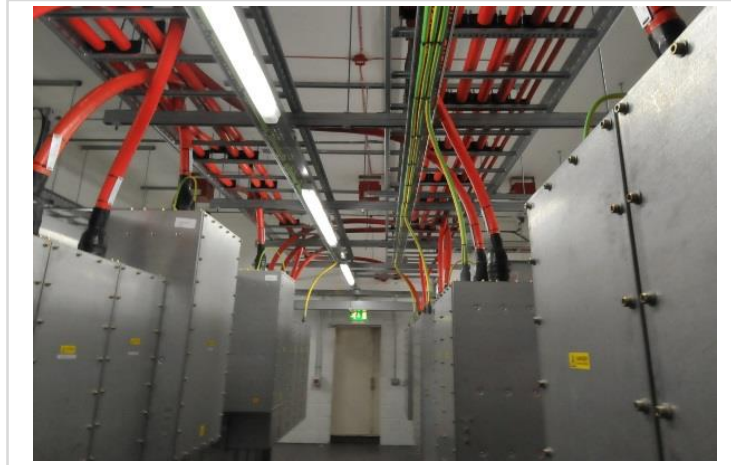


We **identify** risks - We **design** solutions - We **prevent** disasters

Risks Involved & Consequences:

As with most fires there will always be a variety of materials that may have combusted and dependent on the stage of the fire – the **FirePro** Units will extinguish fire – without producing any harmful effects to assets and human lives.

Furthermore, fire damage and the consequential undue and prolonged interruption to the functioning of equipment used in critical procedures had to be avoided.



New HV Room

Solutions:



FP-5000



Controller

All **FirePro** units are manufactured under strict quality and environmental management standards according to international standards and requirements.

Results & Implementation:

With no pipe to install - No footprint for gas cylinders – No major Health & Safety Issues to worry about – The array of control gear within the HV room is protected by **Firepro** units installed at ceiling level – which will function exactly the same way a gas extinguishing system would – at far lower cost of ownership, and extremely reliable & proven fire extinguishing capabilities.

Description/Details	Quantity	Type
Fire Protection Units		
Total Flooding (Room)	6	FP-5000
Fire Detection / Alarm System		
Co-Incidence Controller		

Advantages of **FirePro**:

- certified environment friendly “green” fixed extinguishing solution
- no harmful residues or deposits
- does not produce harmful or toxic gases when in contact with a fire
- does not reduce oxygen content within risk when discharged
- leading certified condensed aerosol product – represented in 70 countries
- no pressurised gas cylinders
- fully modular, protects the smallest risk to total flooding application
- installed in less time than conventional gas extinguishing systems
- rapid deployment & re-installation in hours to re-arm – not days
- wall or ceiling mounted for room applications, Installed inside risk also
- no gas pressure reduction arrangements to facilitate gas release
- no risk of operative injury - such as accidental cylinder detonation
- no distribution hydraulic design, pipe fabrication, or installation

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