



COLLABORATING WITH FIREPRO

CLIENT

Confidential

COMPANY SECTOR

Public Sector

KEY ELEMENTSTime Delivery
Bespoke Storage Solution
Engineering Innovation**PRODUCT SUPPLIER****FirePro.****PROJECT DURATION**

3 Months

**CLIENT BRIEF**

EA-RS successfully secured a challenging project that required a tailored solution for storing equipment containing lithium-ion battery units. Leveraging our extensive experience and expertise in fire engineering, we meticulously assessed various options before collaborating with FirePro to devise an optimal fire detection and suppression solution. Despite the complexity posed by site restrictions and conditions, our swift turnaround, completed within three months from design to installation and commissioning, underscores our commitment to meeting client needs with efficiency and precision.

PROJECT SOLUTION

The Project revolved around designing a bespoke storage solution for lithium-ion battery units within the main facility. Li-Ion battery technology, despite being constantly improved, still poses a significant fire hazard. Following a comprehensive evaluation with the EA-RS design team, we looked at various fire protection systems available and utilised a unique solution tailored to the associated risks. Collaborating with FirePro, we implemented FirePro's LPCB-certified condensed aerosol technology, chosen for its exceptional effectiveness and suitability. This solution not only ensured robust fire detection and suppression but also prioritised the safety and security of the storage facility. Throughout the project, FirePro UK provided invaluable technical support, further enhancing the seamless delivery of our solution.

PROJECT RESULT

The successful implementation of FirePro's LPCB Certificated condensed aerosol solution exemplifies EA-RS's prowess in providing tailored engineering solutions even with diverse challenges. Despite the project's sensitivity, our demonstrated expertise and partnership with FirePro facilitated the prompt delivery of a reliable fire detection and suppression system. The completion of the project within a few months, coupled with FirePro's cost-effective and long-lasting solution, underscores our ability to deliver exceptional results and exceed client expectations.