



CASE STUDY

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TRELISKE HOSPITAL (CORNWALL)

CLIENT

Kier Construction

COMPANY SECTOR

Healthcare

KEY ELEMENTS

IT Integration
Social Value Support
Sustainability Initiatives
Innovation
Cost Saving

PRODUCT SUPPLIER

Surefire Services Limited

VALUE OF PROJECT

£20,265



CLIENT BRIEF

Kier Construction was refurbishing an area within Treliske Hospital, where the sprinkler system was to be temporarily disabled. This presented issues for the NHS Trust, insurers, and local fire services on how best to protect patients and staff during the refurbishment process of approximately fifteen weeks. Fire can be a particular hazard due to flammable materials such as adhesives, hot works, and construction plants and machinery.

PROJECT SOLUTION

Having worked with Kier Construction previously at Queen Alexandra Hospital, they understood the benefits of UltraGuard water mist and detection system for providing early warning fire suppression during refurbishment. After reviewing the refurbishment plans and drawings, Surefire Services, part of EA-RS, recommended the installation of six UltraGuard units to protect the area adequately. Test data, specifications, and supporting documentation were submitted to the NHS Trust Fire Officer for authorisation before any work took place.

PROJECT RESULT

Surefire's engineer installed six UltraGuard units and completed training for the Kier Construction staff on how to install and fault find. Five months after the initial installations, our engineer returned to de-commission the UltraGuard units which were left with the customer for use on future projects.

Email: onesolution@ea-rs.com | Telephone: **0800 781 4494**

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