

Case Study: Chelsea and Westminster Hospital

Version 02- July 2025

This 430 bed teaching hospital in Chelsea has only been at its present site since the early 1990's. Operated by Chelsea and Westminster Hospital NHS Foundation Trust the hospital cares for nearly one million people and is able to provide a range of specialist clinical services as well as general hospital services for people living locally.

The Challenge

Healthcare institutions need to comply with HTM 81 in addition to the national Building Regulations, due to the complex and often health-specific environments created by NHS operations.

In order to ensure continued compliance, reviews may be undertaken to assess items such as structural design both as a desktop study and through condition based site inspections.

Contracting Client:

Ensigna Construction Ltd

Location:

London, UK

Sector:

Healthcare

Key Elements:

- Fire compartmentation review
- Analysis and recommendations



The Solution

The 430 bed teaching hospital in Chelsea, London has been operational since 1993. Our client requested a fire compartmentation review and we assisted in detailing both the current and potentially effective compartmentation lines of the site.

The Outcome

Working with the hospital was very fulfilling and they engaged energetically with the processes surrounding effective fire compartmentation.

Through a review of necessities and 'nice-to-haves' we were able to present a case for a number of recommendations that avoided overprovision and minimised unnecessary replacement of materials with proven integrity.

The final tailored report detailed, honest, open and beneficial to the client.



“Since our foundation, we have continued to deliver robust, innovative and cost-effective fire safety solutions.

Indeed, we have lent our expertise to developments right across the built environment spectrum, from the necessities of Residential, Education and Healthcare to the more iconic buildings of the past, such as historical royal palaces and stately homes.”

Kiwa Fire Safety Compliance

Ground Floor, Suite A, Building 2
Bear Brook Office Park
Walton Street, Aylesbury,
Buckinghamshire HP21 7GQ
United Kingdom

+44 (0)1844 275500
uk.firesafety@kiwa.com
www.kiwa.co.uk/fire-safety

kiwa