

Case Study: The National Physical Laboratory

Version 02- July 2025

The National Physical Laboratory (NPL) is the national measurement standards laboratory for the United Kingdom, based at Bushy Park in Teddington, London. It comes under the management of the Department for Business, Energy and Industrial Strategy.

The Challenge

The site consisted of 16 interlinked modules on both ground and first floors, with the addition of 21 satellite buildings. As a substantial site with multiple operations coexisting at any one time, the operational risks associated with fire were complex and required an invasive review.

Contracting Client:

Amey / NPL

Location:

London, UK

Sector:

Healthcare

Key Elements:

- Fire risk assessment
- Compartmentation inspections



The Solution

Kiwa Fire Safety Compliance were commissioned to provide an invasive assessment to develop a risk classification with respect to life safety from fire.

In order to help the client achieve compliance with the Regulatory Reform (Fire Safety) Order 2005, we made detailed inspections of the sites in conjunction with critical reviews of existing documentation and other data in order to compile a fully functional risk profile with remedial recommendations.

The Outcome

Kiwa Fire Safety Compliance were able to assist the client in recommending risk mitigation measures associated with their site in a concise and accessible format.

By working closely with the client, elements of further investigation were afforded which assisted in satisfying both inspector and client queries.



“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