Tyco is a nationwide provider of Integrated Fire, Security and Electrical Testing Solutions, with unique in-house capability to support our clients needs across the full spectrum of fire detection and suppression. The Tyco team are experts in the design, installation and maintenance of Gas Suppression Systems.

Royal Hallamshire Hospital

Protecting Vital Electrical Infrastructure

The Royal Hallamshire Hospital, part of the Sheffield Teaching Hospitals NHS Foundation Trust needed to protect their main electrical switchroom they choose Tyco to install their Gas Suppression system.

The hospital had an existing mechanical release system which required replacement and full integration with the building’s Fire Alarm system. The area to be protected was the main electrical switchroom for the hospital and as such was of vital operational and continuity significance to the trust.

Harrison Spinks Ltd

Keeping Production Smooth

Ensuring production is continuous is essential in the manufacturing sector. Harrison Spinks as one of the UK’s leading Luxury Pocket Spring bed manufacturers is no exception. Protecting the production lines and their dust extract systems from fire risk is crucial to maintain production and provide a safe working environment.

As a family owned business for over 140 years the Harrison Spinks reputation has been built on quality and the use of environmentally sensitive production methods, their customers also look for reliable and quality of service.

South Ribble Council

 Suppressing Fire Risk

The headquarters buildings of South Ribble Council in Lancashire are in the town of Leyland. The level of protection required for several of their operational system suites required gas suppression systems to provide sufficient cover to match their operational significance. Three independent suppression systems and room vents were installed to protect these critical systems.

The suppression systems installed across three key council sites included the full suite of fire detection and suppression systems—design, installation, venting, room integrity testing and commissioning. The choice of gas for this installation was a critical factor and working with the client’s team to understand the nature of the equipment in use, IG-55 was selected. The project was delivered within tight time frames to fit in with a broader programme of works, overseen by a dedicated Tyco project manager.

The Tyco team designed a new IG55 gas suppression system to replace the legacy CO2 system. The install team decommissioned and removed the old system, installed appropriate pressure venting and then conducted a full room integrity test as part of the project. Working alongside the team from the Trust the project was delivered on-time and onbudget protecting the client’s vital assets for the future.

Protecting the main production lines for the bedding fibres and the associated dust extract systems is essential to enable the production to be constant. Using complex fire detection (HSSD and standard detection) and integrated CO2 gas suppression systems the Tyco team took on the design, installation and on-going maintenance contract for the site. Working alongside the production team to minimise disruption, the project was delivered to meet the high standards required.