

CASE STUDY: Lecture Theatre

Location: **Goldsmiths, University of London, UK.**

Detector: **Aspirating Smoke Detector (ASD)**

The Building:

Goldsmiths is a world-renowned college forming part of the University of London. It traces its history back to 1891, and continues to provide excellent teaching in the fields of arts, designs, humanities and social sciences.

The University is still based on its original site in London, and has buildings dating back from its conception through to the modern day. This mix of architectures and building materials leads to challenges in the fire detection systems installed.



The Challenge:

Lecture theatres are an essential element of any university, and their high ceilings and constant use makes testing of the smoke detectors difficult to organise and costly where access equipment is required.

Triple Star Fire and Security provide maintenance of the fire system, and work closely with Goldsmiths to ensure the systems will function as expected if ever required. They identified a solution that would save Goldsmiths time and money when routinely testing these detectors.

The Solution:

Triple Star Fire introduced an innovative approach to functional testing of smoke detectors. The Scorpion® system consists of a micro smoke generator mounted at the furthest sampling hole on the aspirating pipe of the ASD system, and connected to a control panel mounted in easy reach. Testing the entire sampling pipe and smoke detector as it would operate in practice is now quicker and easier than ever before without any need to arrange expensive access equipment.

In addition, the transport time (the time the smoke takes from when it is introduced into the sampling hole to when it reaches a threshold at the ASD panel) can now be safely and easily measured each year to ensure the system continues to operate as intended.

Daren Pool, Managing Director at Triple Star Fire commented *"We found Scorpion easy to install. It saves the client time and money, improves safety and ensures compliance with regulations."*

Mr Tony Stacey (Maintenance and Engineering Manager) from Goldsmiths said *"Scorpion is an investment that will repay us in a short period of time and means we don't lose valuable lecture time while maintenance is carried out"*.

For more information and applications can Scorpion can bring benefit to visit: www.scorpion-tester.com
Contact: Triple Star Fire at www.triplestarfire.com



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