



CASE STUDY

University of Exeter

Fire Compartmentation Survey



Challenge

The University of Exeter required fire compartmentation surveys conducting over three of their buildings: Harrison, Physics, and Geoffrey Pope. These buildings, housing vital academic and research spaces, required an in-depth assessment of fire doors, compartmentation, and existing fire stopping works. Sircle were appointed to evaluate existing fire stopping measures, identify any compartmentation breaches, and inspect fire doors for compliance, recommending any necessary remedial work. Covering over 22,930m², including laboratories and sterile areas, the project required meticulous planning and execution to ensure all areas were accessed and sufficient surveys could be completed.

Solution

Sircle engaged with the university in a series of prestart planning meetings to review the survey scope and methodology, to help ensure careful execution and minimal disruption to operations, especially in sensitive laboratory areas.

Using the university's fire compartmentation drawings, the survey team validated and noted any changes to the areas in scope, such as the layout and any areas presenting a fire risk. The survey focused on service penetrations, cavity barriers, and fire door compliance, providing the client with schedules of remedial actions and clear recommendations within timebound priorities. It was non-intrusive, with no invasive testing or disruption to building operations, ensuring minimal downtime.

All findings were carefully documented in PDF and Excel formats, providing a clear action plan of the findings, including photos, measurements, risk ratings, and estimated remediation costs.

Outcome

The survey data we provided to the University of Exeter gave them a comprehensive overview of fire safety across the Harrison, Physics, and Geoffrey Pope buildings, with the surveys being completed methodically and within the original estimate programme timeframes.

By avoiding invasive procedures, the survey was efficient, cost-effective, and non-disruptive, effectively addressing the university's fire safety needs as per the project brief.



“ We are very impressed with the quality of Sircle's compartment survey reports which enable our Estates team to prioritise the remedial works based on the report and our risk profile categories. ”

Jason Down. University of Exeter

Insight for the built environment

0333 999 3747

info@sircleuk.com | sircleuk.com



Our Services



Survey Services

Measured Building
Building Elevations
Topographical
GPR / Utilities
Drainage / CCTV
Area Referencing
Space & Asset Tagging (GS1)
Space Occupancy
Point Cloud
Drone
Drawing Verification & Gap Analysis
M&E Asset
M&E Services
Medical Gases
Planned Preventative Maintenance (PPM)
Schedule of Condition
Latent Defect
Fabric Condition
Building Reinstatement
Cost Assessments



CAD and Revit Bureau Services

CAD Bureau
Drawings Review, Maintenance & Management
BIM / Revit Modelling
Drawing Gap Analysis
Drawing Register Creation
Schematic / Isometric Creation
Land Registry
Compliant Plans



Document Scanning

Large Format Document Scanning
O&M Manual Scanning
Capital Projects Manual Scanning
Document Management System Population
Invoice Scanning
Indexing & Bookmarking
OCR
Legacy Scanning
Compliance Document Scanning
Estates, Facilities & Capital document



Compliance

Fire Fighting Equipment and Asset Surveys
Fire Compartmentation Surveys
Fire Door Surveys
Fire Risk Assessments
Fire GAP Analysis
Glazing Audits
Window Restrictor Audits
Asbestos Re-Inspections
Clinical Waste Audits
Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) Assessments
Building Height Surveys



Project Management

Project Management
Contract Administration



Head Office: Churchill Court, Palmerston Road
Bournemouth, Dorset BH1 4HN

Insight for the built environment

0333 999 3747

info@sircleuk.com | sircleuk.com

