

ROOM integrity TESTING



Enclosures protected by gaseous fire suppression systems should be tested for air-tightness upon commissioning of the system and annually thereafter. This is critical to ensure that the system will work effectively when activated; too much air-leakage will result in the concentration of the fire suppressant agent falling too quickly.

Stroma (incorporating Retrotec Europe Ltd) provide the necessary Room Integrity Testing to the required NFPA 2001 or ISO 14520 methodologies.

We have extensive experience in testing all types and sizes of enclosure, from server rooms in offices to gas-turbine halls in power stations. In each case we carry out the necessary volumetric calculations prior to the test and use calibrated Retrotec test fan systems along with laptops running Retrotec CA2001 software to determine results immediately upon completion of test.

In the event of a failed test result, we will locate and record the air leakage sites using smoke-puffers if permitted. We subsequently provide full reports, incorporating all necessary data test information and certification, usually within a few days of the test. The report will include the leakage diagnosis information if applicable.

Obviously in the event of excessive air leakage from the enclosure, we are well equipped to be able to carry out the necessary remedial air sealing.

To compliment the room integrity testing service, Stroma also specialise in the supply and installation of gaseous extract systems and fire, smoke and pressure relief dampers, to work in conjunction with the primary gaseous fire suppression system.

REQUEST A ROOM INTEGRITY QUOTE

For lead times and fee structures, please contact Stroma directly on 0845 621 1111 or email info@stroma.com and we will be happy to propose an approach or meeting your requirements.

Stroma Technology provides all the testing and consultancy required to ensure compliance with parts B, E and L of building regulations.

We are one of the leading UKAS accredited testing bodies in the UK. Irrespective of project type or size, our nationwide team of engineers can carry out the following: air leakage testing and consultancy; acoustic insulation testing; thermographic surveying and energy assessment.

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Building Sustainability & Compliance