

Compliance

Airtightness, sound insulation and domestic ventilation testing



BSRIA Compliance

From a single dwelling to the largest commercial development, BSRIA offers stress-free compliance to Building Regulations and Standards.

Why choose BSRIA?

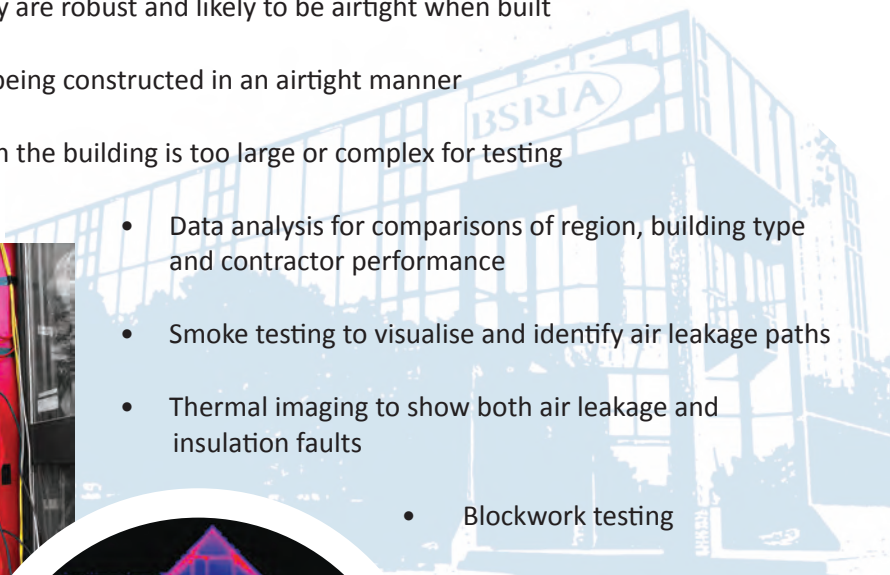
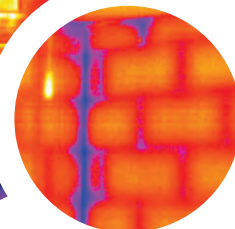
- Rapid response from regionally based engineers across England, Wales, Scotland and Ireland
- A one-stop-shop for airtightness, ventilation and acoustic testing
- All services available 24 hours a day, 7 days a week
- Minimum disruption on site and immediate results following a test
- Fully accredited engineers ensure that your certification is recognised by building control bodies
- Practical, cost-effective remedies on-site if your building fails a test
- A range of support services including thermal imaging, roof inspections and smoke tests
- Flexible, competitively priced service for large and small contractors, housebuilders, 'self builders' and small developers

Airtightness

With over 30 years' experience and over 50,000 tests we are well placed to help your building pass first time. We have equipment to test any building from a studio flat to a large distribution warehouse.

In addition to testing the building, we offer:

- Advice on the testing regime (particularly important in domestic properties)
- Design reviews, checking details to ensure they are robust and likely to be airtight when built
- Site inspections to ensure that the building is being constructed in an airtight manner
- Certification of airtightness by inspection when the building is too large or complex for testing
- Data analysis for comparisons of region, building type and contractor performance
- Smoke testing to visualise and identify air leakage paths
- Thermal imaging to show both air leakage and insulation faults
- Blockwork testing
- Tests of isolation rooms, floor voids and enclosures such as museum display cases and fume cupboards to client requirements



As a member of the Air Tightness Testing & Measurement Association, the appointed air pressure testing organisation for the British Institute of Non Destructive Testing (BINDT), BSRIA is accredited by the United Kingdom Accreditation Service (UKAS) to test to CIBSE TM23, BS EN 13829, and ATTMA TS L1 and L2, ensuring that certificates will be recognised by your building control authority.

Sound insulation testing

BSRIA provides UKAS accredited sound insulation testing on all types of buildings for compliance with Part E of the Building Regulations in England and Wales and Section 6 of the Scottish Building Standards. Testing can also gain credits for Code for Sustainable Homes and EcoHomes environmental assessment schemes.

We provide detailed reports of acoustic performance and make practical recommendations for improvements if necessary.

Under Part E of the Building Regulations, a sample of dwellings may have to be tested to demonstrate levels of sound insulation. This has now been extended to new schools and is also regularly specified for buildings such as hotels and nightclubs.

BSRIA can advise on the correct number of tests required and, where applicable, the required increase in performance. We will test outside normal working hours to minimise site disruption and avoid construction site hours.

Ventilation testing

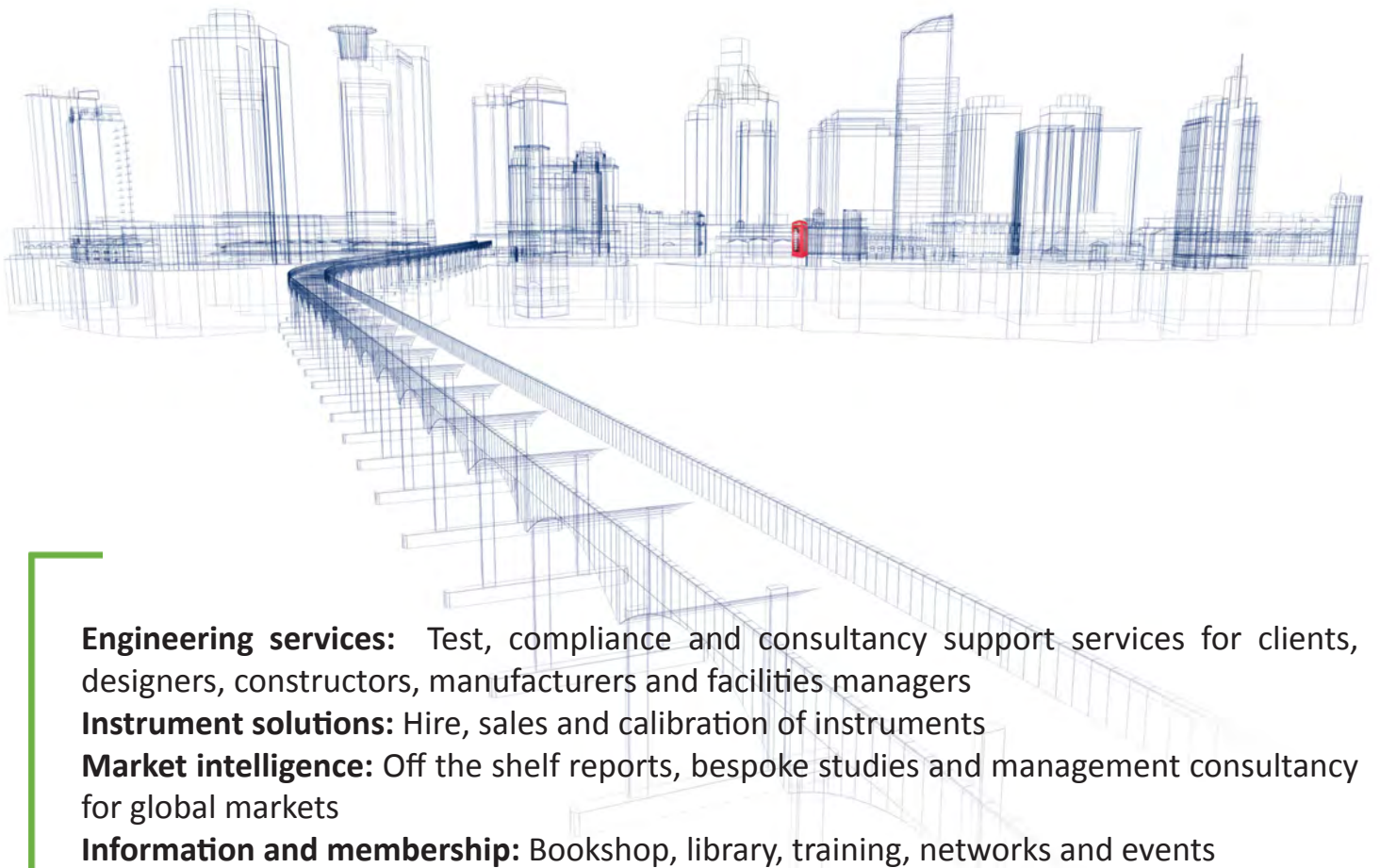
BSRIA tests domestic ventilation systems as required by Part F of the Building Regulations 2010. These tests are required for almost every dwelling - not only for system type 4 (Continuous mechanical balanced system with heat recovery), and type 3 (Continuous mechanical extract); but also for type 1 (Background ventilators and intermittent extract fans).

We validate the system and check that it has been commissioned correctly.

As required by the Regulations we use only UKAS calibrated equipment and engineers registered with a competent scheme, thus avoiding the 25% penalty that is applied within SAP for non registered testers.



Helping you meet **Parts L, E and F** of the Building Regulations in England and Wales, and equivalent regulations in Scotland and Northern Ireland as well as individual client requirements in the UK and overseas



Engineering services: Test, compliance and consultancy support services for clients, designers, constructors, manufacturers and facilities managers

Instrument solutions: Hire, sales and calibration of instruments

Market intelligence: Off the shelf reports, bespoke studies and management consultancy for global markets

Information and membership: Bookshop, library, training, networks and events



Old Bracknell Lane West, Bracknell, Berkshire RG12 7AH United Kingdom
T: +44 (0) 1344 587 1000 or +44 (0) 1344 465616 | F: +44 (0) 1344 465691 (Dwellings)
+44 (0) 1344 465606 (Non dwellings) | E: compliance@bsria.co.uk | W: www.bsria.co.uk/compliance