

# TRAINING

## air tightness testing

**BINDT APPROVED**



### Course Overview and Delegate Preparation Notes

The 3-day course provides ample theory and practical hands on training, combined with pre-course reading, to pass the final day examinations and commence the BINDT registration process. The course, held in Castleford is limited to 10 delegates with a fee of £1,400.00 plus VAT per delegate.

*This fee covers the course and the initial review.*



### Kit Sales

Kits are available online at [www.stroma.com/retrotec](http://www.stroma.com/retrotec) or [retrotec.co.uk](http://retrotec.co.uk)

Information packs are available to download or use the online calculator to decide upon your order requirements.



### Pre-course Knowledge

To pass this course, it is strongly suggested that delegates:

- Are numerate to GCSE level;
- Be familiar with envelope area and volume calculations including trigonometry.
- Are familiar with the Standard Assessment Procedure (SAP) and air permeability sections of Building Regulations Part L1A, which can be downloaded from the DCLG website [www.communities.gov.uk](http://www.communities.gov.uk);
- Have a sound understanding of ATTMA TS1, which can be downloaded from the ATTMA website [www.attma.org](http://www.attma.org);
- Have a sound understanding of the BINDT Air Tightness Tester Approval and Quality Procedures, which can be obtained from BINDT on phone No. 01604 630124, or can be provided on request
- Have a sound understanding of the Door Fan 3 demo software from the Retrotec website: [www.retrotec.com/products/software/door\\_fan\\_30/](http://www.retrotec.com/products/software/door_fan_30/). Please download the ATTMA version;
- Ideally have received and used the test equipment of their choice or have witnessed a test

### Further information

Discover more about our quick turnaround and competitive pricing by emailing [doorfan@stroma.com](mailto:doorfan@stroma.com), alternatively call our Training Team directly on **0845 621 11 11** to discuss your requirements.



# STROMA

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## Course Content

Start time: 09.00

Finish time: (approximately) 17.00

### Days 1 and 2 – Classroom

- Introductions and training objectives.
- The British Institute of NDT and the registration process.
- What is air leakage and the benefits of reducing it?
- Building regulations- Testing requirements, design methods.
- Air leakage theory and ATTMA Technical Standard TS1.
- Test equipment demo.
- Practical lessons on air tightness testing.
- Theoretical test and reporting procedure.
- Envelope area calculations.
- Health and Safety

### Day 3 - Examinations

The examinations are split into 3 modules; 2 written/theory examinations and 1 practical. To successfully qualify on this course delegates must pass ALL 3 module examinations on Day 3. To ensure all examinations are completed timely, delegates will be informed by course tutors/ examiners the day before of the programme and where and when individuals need to be. Examinations will not be delayed if delegates are late as the schedule does not allow time for delegates to take the examination(s) at a later time.

Mobile phones must not be used at any stage during the examinations and if found to be discussing their examinations with other delegates may result in a fail of that particular module or the whole course.

Delegates who have been unsuccessful in one or more examinations will be required to retake the relevant module(s) at the next available date after the required further learning and/or practical experience has been completed. The fee to retake examinations is £125 per module.

### The British Institute of Non Destructive Testing Registration Process

After attending the training course and passing all three exam modules, candidates are required to carry out three unpaid airtightness tests, produce full test reports and calculations, and present these for review. The training body will confirm acceptance of these reports and refer you to BINDT for registration, upon successfully passing the review process.

Candidates must prove to BINDT that they have adequate indemnity insurance, have access to equipment with valid UKAS calibrations and have signed and returned any other relevant forms. Fees do apply and the registration is renewed each year. For more information on the initial and ongoing procedures, please contact the British Institute of NDT.

### Equipment

Delegates should be equipped with the following items:

- A laptop with Door Fan 3 software demo installed, or at least 1 laptop between 2.
- Calculator with SIN/COS/TAN functions
- Scale rule
- Tape measure
- Personal Protective Equipment including hard hat, high-vis vest/jacket and safety boots.

Discover more about the service we offer and competitive pricing by emailing [doorfan@stroma.com](mailto:doorfan@stroma.com), alternatively call our Training Team directly on **0845 621 11 11** to discuss your requirements.

### Venue & Accommodation

The course is held at our Castleford head office which is located, just off junction 31 of the M62. The nearest hotel is a premier inn which is also located on Pioneer Way. The hotel is called Castleford (M62 J31) and they charge £55 per night. Reservations can be made on their website: <http://www.premierinn.com>

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