



...towards a sustainable future

Airtightness Champions Training

Day 1:		
Session 1: 9.00 – 10.45am	Introductions & logistics	Attendees & course leaders experience; Logistics of the course & venue
	Presentation 1: Introduction to Airtightness; Presentation 2: 12 Steps to Airtightness	History, standards, air permeability and air changes; Testing for PassivHaus; EnerPHit standard; An step-by-step program to deliver very airtight buildings
10.45 – 11.00am	Break, tea & coffee	
Session 2: 11.00am – 12.45 pm	Demonstration test and leakage investigation of sample maisonette.	Set up equipment in sample doorway; Test preparation, recording readings; Software data entry; Undertake a leakage inspection, using smoke & other means to find leaks, record leakage sites.
12.45 – 1.15pm	Lunch	
1.15 – 2.45pm	Presentation 3: Air Barrier Strategy; Air Barrier Drawings; Exercise Leakage checklists; Questions	Summarise the project strategy; Review of relevant drawings & specifications; Develop checklists for leakage inspections; Questions
2.45 – 3.00pm	Break, tea & coffee	
3.00 – 4.30pm	Presentation 4: The Role of the Airtightness Champion, experience from previous ACs	Key elements of the role; How they would apply to the current project; Good and bad feedback from 2 previous ACs
4.30 – 5.00pm	Questions, feedback	Identify any priorities for Day 2
Day 2:		
Session 1: 9.00 – 10.45am	Presentation 5: Management of Sealing; Test oversight	Application of checklists; QA procedures for leakage control; Recording of oversight; Supervision & witnessing; Recognising a non-conforming test
10.45 – 11.00am	Break, tea & coffee	
11.00am – 12.45pm	Presentation 6: Air Leakage Testing; Using a leakage check fan	Sample & Element Testing; Preliminary & Acceptance Testing; Test Practicalities
12.45 – 1.15 pm	Lunch	
1.15 – 2.45pm	Presentation 7: Leakage Location; Exercise in appreciating leaks	Where Buildings Leak; Leakage Types & Paths; Site Leakage Audits; Smoke Testing & other means for leak locations
2.45 – 3.00pm	Break, tea & coffee	
3.00 – 4.30pm	Presentation 8: Effective Sealing	Product selection & effective application; Specific requirements – storage, training, timing, supervision etc.
4.30 – 5.00pm	Questions, recap and feedback	Questions, recap as necessary; Completion of feedback form

Dates (revised):

To take place on Thursday and Friday, Sept 26th & 27th in the upstairs meeting room at the Site Cabins at Erneley Close, South Gorton, Manchester M12 5RB. Casey to provide a computer projector/ or a large flat screen, and also a flip chart or white board and pens.

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