

Air Pressure Testing



Information for SBEM calc for Part L assessment

1. Layout

- (Electronic i.e. PDF or CAD: elevations, sections and floor plans)
- Scale plans
- Activities (What takes place in which areas marked on plan i.e. WC, office, corridor)
- Adjoining buildings marked

2. Constructions

- Type of material, Thickness (mm)) or can be modelled to 'meet current building regulations'
- External walls, Internal wall construction, Ground floor construction, Partition construction Suspended ceiling type, Floor type: susp/solid

3. Required air-tightness rating (max 10)

4. Openings (Window Schedules)

- Glazing type: single/double, coated, age
- Frame type
- Sill height
- Skylights: location marked on plan, type of glazing: single dbl glass/plastic
- Doors: type: wood/metal +glazing type and percentage glazing

5. Lighting

- Type of lighting, i.e. t8, t5s compact fluorescents
- Lighting controls: switch, pirs, occupancy sensors,

6. HVAC

- Description of heating system
- Type of boiler/ heat source
- Description of hot water system (Storage Ltrs or instant)

- Efficiency % /CoP
- HVAC controls: central time control, local time control, local temp control,
- T stats: wall /rad valves
- Is there sub/metering of the Heating system itself

7. Mechanical Ventilation

- Type of Mech-vent
- Window units
- Mech extract
- Age of system
- Type of system

8. Heat recovery

- Plate exchanger
- Run around coil
- Heat pipes
- Thermal wheel

9. Renewables

- Solar
- CHP
- PV
- wind

If you have any questions or queries in regards to this please e-mail us at:

info@airpressuretesting.net or call us on **01582 896709**