



**Airtight Testing
Staffordshire**



SAP Checklist

If you have any further questions , call/email:

Airtight Testing Staffordshire:

Phone: 07796545001-

Email: info@airtighttestingstaffordshire.co.uk

We will require the following information in order to undertake your SAP Assessment:

Drawings and plans (scaled or fully dimensioned)

- Floor plans for all floors
- Elevations
- Sections
- Site Location/site plan with North indicated

Building Specification

A full breakdown of each layer involved in each type of construction. This involves specifying the thickness and product name of each material from the outer shell e.g. external brickwork to the internal material e.g. plaster.

- Wall constructions
- Floor constructions
- Ceiling constructions (top floor)

Window and door details

- Frame materials
- Glazing specification (glazing fill details and air gap)
- U-values (if known) of external doors or windows

Ventilation specification

- Type of ventilation
- Number of extracts if not marked on the plans

Heating specification

If you are unaware of what heating is going to be used in the dwelling please provide as much information as possible of what you plan to use.

- Main heating system details e.g. Gas boiler
- Manufacturers description and name of boiler if known or minimum efficiency.
- Controls (Programmer, time and temperature control, room thermostat etc.)
- Any Secondary heating systems (Manufacturer details if known)

Water heating details

- Cylinder to be installed including heat loss factor (or specification of the insulation applied to the cylinder)
- Position of the cylinder (in or out of the dwelling)
- Insulation to the pipe-work
- Any additional heating sources (Heat pumps, Use of summer immersion etc.)

Renewable technology (if applicable)

- PV - Installed Peak Power kWp , Orientation, Pitch, any overshadowing
- Solar Hot water (PV - Installed Peak Power kWp , Orientation, Pitch, any overshadowing)
- Wind Turbines - Number, Rotor diameter, Average wind speed, Height above

Light fittings

- Number of low energy light fittings
- Total number of light fittings

Additional notes

- All occupancy will be assumed as standard unless otherwise specified.
- If thermal bridging details i.e. accredited construction details are not specified then a standard value of 0.15 will be used unless otherwise stated by client.
- Any blinds to be fitted.
- If a conservatory is present, please specify if it is to be heated.