



Part L Regulations – Key Changes that came into force from Oct 1st 2010 – Closing the gap between as designed and actual building performance

Below are the key points of the revision to the consultation document Part L 2010, which HRS hope will be of help to you and your colleagues:

- 2010 Regulations to deliver 25% reduction – assessed on a flat approach for dwellings and aggregate approach for non-dwellings. These targets are considerably more difficult to achieve than 2006 standards
- A mandatory requirement for CO₂ emissions calculations (BER and TER as designed) to be submitted to the Local Authority prior to start on site. SBEM and SAP calculations to be carried out early in the design stage
- Changes to the notional building assessment procedure. Provision of renewable technologies such as biomass is no longer a quick fix solution.
- Limits on design flexibility for building fabric and services have been tightened. Aiming for worst case values will not achieve overall compliance.
- Solar gain to be calculated for all spaces whether naturally ventilated or not. Greater consideration needs to be given to building orientation, solar shading and glazing specifications
- Quality of construction to be assessed at thermal bridging junctions. Greater penalties for details that are not accredited, or independently assessed. This will have a negative impact on the overall carbon emissions calculations
- Worst acceptable air tightness target remains at 10m³/h.m² at 50 pascals – though considerably more onerous carbon emissions targets must be achieved, which may necessitate a more stringent value. Aim for good thermal standards and services efficiencies within the design to avoid reliance on pre-completion testing results.
- Increased sample size of dwellings to be tested – up to 50% within a dwelling type.
- Revised definition of dwelling type and sampling rates for air tightness testing – a much greater number of dwellings will need to be tested to avoid penalties within the SAP calculation.

Air Tightness Consultancy & Testing	Energy—SAP, EPC, DEC & SBEM	BREEAM & Code for Sustainable Homes
Acoustic Consultancy & Testing	Air Sealing & Fire Stopping	Thermographic Surveys

- The acceptance of temporary sealing for all natural ventilation devices – refer to Part F.
- ATTMA TSL1 & TSL2 documents referenced for testing dwellings and non-dwellings respectively.
- BINDT registration with respect to air tightness testing remains the only route of competence referenced in the Approved Documents.

If you would like to view more in depth information please click our [Downloads](#) link where you will find HRS's 4 page summary document 'Part L 2010 - what you need to know' and the full Part L approved document.

If you have any questions or need help, advice or a quotation, please e-mail rebecca.oxley@hrsservices.co.uk or call: 0800 030 4391

