



technical business solutions

Air Conditioning Energy Assessments

Legal Requirement

An Air Conditioning inspection regime came into force in the UK via the European Union's Energy Performance of Buildings Directive (EPBD).

Businesses responsible for the operation and maintenance of air conditioning equipment are now required to ensure that systems are inspected in line with the regulations.



Key Facts

- Air conditioning systems over 12kW in size must be inspected (England and Wales)
- Undertaken by an accredited inspector and valid for 5 years
- New equipment must be inspected within 5 years of installation
- Inspector will make recommendations with regard to energy savings and reviews service and maintenance records
- Advice provided on compliance with F Gas regulations
- All air conditioning inspection reports are lodged with Landmark

How can TBS Help?

TBS undertake air conditioning inspections reports in accordance with the Chartered Institute of Building Services Engineers (CIBSE) guidance document TM 44.

The inspection considers the original design intent and equipment sizing and the report confirms the performance of the air conditioning systems and identifies actions required to improve efficiency.

The inspection evaluates the adequacy of the current maintenance regime and provides guidance for future replacement or upgrading strategies.

The refrigeration system will be closely inspected with a particular focus on checking for refrigerant gas leakage.

System set points are also reviewed and adjustments will be made during the inspection to reduce energy use and running costs.

Follow up meetings can be arranged to discuss the outcome of the report and consider future strategy.

Other Services

- Energy Performance Certifications
- Energy Log Book (Part L)
- SBEM and Part L Compliance
- Energy Metering Strategies
- Dynamic Simulation Modelling (DSM)
- Building Services Specifications
- Renewable Energy Feasibility Studies
- ESOS and ISO 50001

For more information: www.technicalbusiness.co.uk

