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## Air Con Plus Inspections



### What are Air Con Plus Inspections?

Building owners and managers who control air-conditioning systems have statutory obligations and duty of care in the operation and maintenance of air-conditioning systems.

All air-conditioning systems with an effective rated output of more than 12kW must be regularly inspected by an accredited Energy Assessor. The inspections must be a maximum of five years apart.

Air Conditioning can account for up to 30-45% of the energy used in a building, therefore undertaking an inspection has a number of benefits:

- Helps reduce energy costs and consumption
- Meets legislative compliance obligations
- Reduces overall carbon emissions and assists performance in the Carbon Reduction Commitment Scheme (CRC).

The Air Con Plus inspection report offers a more detailed and enhanced report than the standard 'TM44 Methodology' with recommendations which address the following:

#### Savings;

- Reduction of energy costs
- Tonnes of CO<sub>2</sub> savings

#### Key Costs and Recommendations;

- Improvement scheme
- The improvement scheme's capital cost
- The impact level rated as low, medium or high
- Suggested priority order of improvement schemes
- % total annual savings of the improvement schemes
- Approximate cost savings per annum
- Simple payback in years

#### Executive Summary, Conclusions and Suggested Next Steps

### What is the UK Legislation?

The Energy Performance of Buildings (Certificates and Inspections) (England and Wales) Regulations 2007 (No.991), commonly known as 'EPBD'.

### What is the Enforcement Regime?

Local Weights and Measures Authorities are the enforcement authority responsible for ensuring that owners of air-conditioning systems with an effective rated output of over 12kW are in possession of an inspection report in line with the dates above.

They have the powers to require the production for inspection of air-conditioning inspection reports.

They may serve penalty notices for failure to comply.

The penalty for failing to have an air-conditioning inspection, or retain or pass on the inspection report will be £300.

Air-conditioning inspections are just the start. Use them to help inform your energy management strategy and implementation plans.

### How can Burcote help??

Burcote, cost and carbon reduction specialists, with their unique understanding of the technical and commercial issues surrounding the built environment, can offer tailored carbon reduction strategies, implementation plans and help you to demonstrate cost and carbon savings.

- Demonstrate legal compliance
- Focus on savings with real commercial paybacks
- Reduce direct energy costs
- Reduce your carbon footprint

If you would like more information please contact: **Ian Almond** on **01327 810620** or **ianalmond@burcote.co.uk**

