



Those with vision see
the future differently

Adcock Provide TM44 Energy Assessments That Will Determine:

- Overall efficiency of systems
- Sizing and performance of systems
- Ventilation performance
- Energy consumption
- Cooling load reduction
- How to meet European standards

Adcock Provide TM44 Energy Assessments That Will Determine:

- Full details of air conditioning and chiller systems
- Calculations of system Energy Efficiency Rating (EER)
- Calculations of energy consumption of each system and the facility
- Calculations of fan power of systems
- Air handling unit efficiency and fan power
- Details of F-Gas and refrigerants
- A projection of operating costs for each individual system
- A projection of potential savings gained from each recommendation
- Occupancy hours versus time schedule wastage projections
- Standard of maintenance
- Site photographs
- Specific recommendations

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Smart business owners are recognising that better energy management offers substantial benefits. Aside from meeting legal obligations, businesses can make significant financial savings and develop a stronger brand perception through a commitment to sustainability. Better energy management can help firms to:

- Meet legal obligations
- Make substantial savings on their energy bills
- Future-proof their business against volatility in energy price rises
- Allow bottom line savings to help with business growth
- Change customer perception of how you run your business
- Stand out from the competition in the marketplace

Did you know?

In February 2012 a European Directive was introduced that obligates building owners or managers who manage air conditioning systems with a total of 12kW or more to have a regular inspection of their air conditioning system.

The Chartered Institute of Building Service Engineers (CIBSE) introduced a guide called TM44 which provides guidance on conducting an air conditioning inspection to satisfy the requirements of the directive with a focus on systems that use refrigerants to produce cooling.

Example Report



ACTION	SYSTEM MAINTENANCE	ESTIMATED IMPACT ON OPERATION (%)	APPLICABLE SYSTEMS	POTENTIAL IMPACT IN COSTS (PER ANNUM)
02	The AHU doors fastenings should be repaired/replaced and leaks should be checked as part of any maintenance program and any leakage discovered should be repaired.		AHU 01	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">£1123.20</div> <div style="background-color: #c00000; color: white; text-align: center; padding: 2px;">£56.16</div> </div>
07	It is recommended that the client considers raising the set temperatures of the less efficient none inverter systems so as they are used as back-up only		All fixed speed systems	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">£9246.18</div> <div style="background-color: #c00000; color: white; text-align: center; padding: 2px;">£4623.09</div> </div>
01	Review options of installing a BMS / centralised controller and the possibility of linking back to control other building services such as the lighting		All systems	<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">£31389.47</div> <div style="background-color: #c00000; color: white; text-align: center; padding: 2px;">£6279.89</div> </div>

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