

Energy Performance of Buildings Directive (EPBD) Inspection of Air Conditioning Systems

Air conditioning systems can account for 50% of the energy used in a building, and are therefore specifically targeted in new government legislation, which makes regular inspection mandatory. Non-compliance will potentially lead to fines of £300, possibly rising to £3,500.

This is the legal responsibility of the person responsible for the maintenance and upkeep of the air-conditioning system - in many cases a tenant rather than landlord.

Envos can advise you or your clients and help you comply with this new legislation and the new Energy Performance of Buildings Regulations with an Envos Air Conditioning Inspection Report, which:

- Provides information about system performance
- Identifies opportunities to reduce CO₂ emissions so saving energy and reducing costs
- Highlight measures, which, if adopted will potentially save energy and money within a reasonable payback period.

Phasing

- for air-conditioning systems, where the effective rated output is more than 250kW the first inspection must have happened **by 4 January 2009**.
- for air-conditioning systems, where the effective rated output is more than 12kW the first inspection must have happened **by 4 January 2011**.
- for all systems first put into service **on or after** 1 January 2008, the first inspection must have taken place **within five years** of the date when it was first put into service ie after acceptance of the completion of the commissioning of the system to standard 6.7 (in 'Commissioning building services' handbook).

Inspection reports will remain valid for five years, after which the system will require another inspection*. For existing systems, the accredited expert doing the inspection has the discretion to set the frequency of inspections ranging from three years for poorly maintained and inefficient systems up to five years for those systems that are well maintained and demonstrate excellent levels of efficiency.

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Who We Are

Envos is one of the leading independent providers of energy and environmental auditing and consulting services. We operate throughout the UK and offer specialist environmental services, energy assessments and certification, including Sustainable Property Assessments (Envos SPA[™]), Carbon2020[™] Audits, Energy Performance Certificates (EPCs) and Display Energy Performance Certificates (DECs).

Envos operates a compliant, no fuss, web-based system with dedicated support, easy pricing and an audited route into valuable savings and increased value.

For further information please contact us on 0845 094 9240 or info@envos.co.uk

Please visit our website at www.envos.co.uk

CIBSE TM44 Compliant: Inspection of Air Conditioning Systems

TM44 provides guidance on carrying out the required air conditioning inspection within reasonable constraints of time, cost and skills, including specific guidance on generating advice for the user, on a consistent basis.

*This is an efficiency inspection that is not normally covered by the usual annual service agreement. Envos is currently seeking clarification regarding some of the details including the requirements for new build properties.

