



ZEBRAcarbon

intertek

Case Study

Intertek UK & Ireland

Intertek UK & Ireland is an integral part of Intertek Group, a FTSE 100 company, and the UK & Ireland business has over 2,000 scientists, engineers and technicians working across 59 laboratories and sites throughout the UK.

Intertek chose ZebraCarbon to deliver organisation wide compliance with the second phase of the Government's Energy Savings Opportunity Scheme (ESOS) Regulations (compliance date 5 December 2019).

In order to deliver compliance, ZebraCarbon carried out structured energy audits at various sites Intertek (UK) across the UK (including Greater London, Midlands, the Northwest, and Scotland) working with local management teams and environment, safety, and health (ESH) personnel. Energy audits were carried out in accordance with BS EN 16247 Energy Audits – Part 2 Buildings.

Compliance also required that an energy audit of the transport fleet was undertaken to identify opportunities. Each audit report including costed recommendations (energy efficiency improvement opportunities) with full life cycle cost analysis (LCA) including calculated net present value (NPV) at an agreed weighted average cost of capital rate.

Each sample site had a different energy use pattern and required careful analysis using metered data (half-hourly electricity use profiles) and thermographic images taken on site to highlight areas of energy waste.

Two of the sites had laboratory facilities requiring careful control of the air circulation and therefore any recommendations had to take this into consideration. Where sites were owned and not leased, opportunities for longer term investment in renewable energy generation were considered as part of a range of opportunities as required by the ESOS Regulations.

Results from the sample sites were collated and presented to a director of Intertek to be signed off.

ZebraCarbon have held Lead Assessor status with the Environment Agency operated ESOS compliance scheme since its inception in 2014/15. We were pleased to be approached and chosen to deliver ESOS Phase 2 compliance to Intertek (UK), a major multinational company, directly, after initially delivering the Phase 1 compliance as a sub-contractor for Phase 1 in 2015.

Contact us

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