

Flexibility key in creating new state-of-the-art energy efficient building on schedule



SERVICE: Energy Reduction

AES's proactive and consultative approach, including design input into pretty unconventional elements ensured that HSG maximised the energy efficiency of its new building, which covered energy efficient lighting and recycled heating.

“ *They were very quick to react and very proactive, which is what you want on a project like this, when a delay can cost you substantial amounts of money. I would absolutely use AES again for electrical work delivering a major project and I would definitely recommend the company.*

Ben Ginesi, HSG Managing Director

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CHALLENGES

HSG had recently finished building a new, state-of-the-art 25,000 sq ft facility and needed one contractor to carry out the bulk of the electrical work.

A lot of the brief concerned renewable energy and low-energy solutions, which are important considerations for the company. As the factory services companies in the food and drink industry, food and hygiene accreditation is important and the electrical work has to adhere to the appropriate standards. HSG wanted to work with a company that could deal with a variety of different works, some of which were fairly unconventional, and Advanced Electrical came recommended.



The project involved the design and fitting of an energy-efficient lighting scheme, with low-voltage LED lighting installed throughout the building.

SOLUTION

There was also electrical installation work for a heat-recovery system; the site has a large compressor that creates a lot of heat and, rather than see this released into the atmosphere as waste, it was decided to recover the energy and use it to heat the offices and the factory. "The new system had several unconventional elements that required a fair bit of design input," explains the Managing Director of HSG, Ben Ginesi. "From the way the offices were constructed through to the complexity of some of the machinery installations, Lee's team had to do a fair amount of complex work. We were quite specific about the design work as we had researched it in detail beforehand, but it was a combination of established and unconventional design, and Lee and his team were able to advise what would and wouldn't work."

ABOUT

Based in Bradford, West Yorkshire, HSG began 35 years ago, making timber packaging, and over the years has developed into manufacturing both standard and high-quality corrugated packaging.



Empowering Performance

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