

BSC Die Casting
& Finishing

better cast, better finish

BSC Die Casting & Finishing Ltd

ABOUT THE COMPANY

BSC Die Casting & Finishing Ltd cast Zinc and Aluminium perform plastic injection moulding and finishing and Aluminium die casting processes.

They are one of the largest independent die casting facilities in the UK, with over 82 employees.

The dominant markets are window and door hardware, drinks dispensers, industrial cleaning, and HVAC systems.

WHY DID THEY WANT TO PARTICIPATE IN THE PROGRAMME?

The company has strong low, and net-zero carbon strategies, integrated in their business growth strategy: "We plan to embark on a managed

three-year carbon reduction programme that will position us favourably with new and existing customers, save money and help us contribute to the health of the planet." This is the main reason why they have registered to the BEAS Energy Intensive support programme.

HOW WERE RISING ENERGY COSTS IMPACTING THE BUSINESS?

The inherent nature of the business is energy intensive. Tonnes of metal is heated up to 700°C to melt for the die casting process, which requires vast amounts of energy. As such, BSC Die Casting & Finishing were affected significantly by the recent rise in energy costs.

WHAT IS THE POSSIBLE IMPACT OF IMPLEMENTING THE RECOMMENDATIONS FROM THE ASSESSMENT?

As a result of the recommendations included in the report, BSC Die Casting and Finishing Ltd are expected to save 690,800 kWh, 134.5 tonnes CO₂e and circa £55,000 per annum.

"From the first interaction with Pro Enviro we found the process to be very user friendly. The demonstrable knowledge and attitude of Nersi and James towards the programme, and the potential to help our business was galvanising. The insight and potential benefits we saw from the energy audit and subsequent reporting provided us with multiple practical and realistic opportunities to reduce our energy consumption, and carbon emissions. We have recommended the scheme and Pro Enviro to numerous other suppliers and customers."

Chris Dent, Operations
Manager



Pro Enviro

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