

# case study. sector - steel fabrication.

## forging new innovations in resource management.

Since 2010, we have supported our heavy engineering client in their commitment to achieve environmental compliance.

### challenge.

Provide a range of bespoke waste solutions to reduce landfill and increase recycling.



## solution.

Operating a team of four full-time operatives, we provide a wide range of core, specialist and hazardous waste solutions tailored to the individual needs of the 9 operational departments located on the 64-acre-site.

In addition to supporting our client's KPIs and CSR objectives, the team also provide solutions for one-off items and provide monthly sampling and consigning via our dedicated chemist. We have also introduced a 24/7 service to deal with hazardous waste spillages and emergency waste removal. Other projects include:

- **Electric arc furnace dust** - We divert this specialist waste stream through a Zinc Recovery Process allowing it to be 100% recycled or recovered while also saving £60,000 per year on disposal costs
- **Supply chain protection** - We established a specialist disposal network for end of life metals, helping to ensure that low grade materials exiting the site did not re-enter the supply chain
- **Cost centre tracking** - To correctly allocate waste spend and rebates amongst departments, we created bespoke MI reports that provided detailed insight while allowing consolidated invoicing

## results.

**£194K**

REVENUE GENERATED  
FROM RECYCLING

**£60K**

SAVING ON ELECTRIC  
ARC FURNACE DUST  
DISPOSAL COSTS

**99.8%**

LANDFILL  
DIVERSION

**97%**

RECYCLING  
RATES