

Derby Energy for Waste (EfW) Plant

CLIENT: HS Carlsteel

LOCATION: United Kingdom

YEAR OF COMPLETION: 2019

We were appointed by HS Carlsteel to provide design services for the proposed Energy-from-Waste (EfW) plant in Derby, UK. The designs included a detailed design of the support steelwork including the connection designs, the production of arrangement, detailed fabrication drawings for M&E support structures, water tank support brackets and access stairs & platforms. We also represented the principal client, Interserve, regards to all the design issues relating to the steelwork.

Close liaison with the fabricator was essential as all the steelwork required pre-fabrication in modules within the tight confines of the plant which already had significant M&E plant installed. Connection design was complicated as framing onto existing steelwork was required, this necessitated careful allocation of design responsibility.

All steelwork design including the connections was undertaken to Eurocode 3 and to tight programme constraints.

KEY FACTS:

- Design services
- Fabrication works
- Connection design

