



WASTE TO ENERGY

WRG Energy from Waste Facility Eastcroft - Nottingham

Eastcroft Incinerator processes approximately 150,000 tonnes of household waste per annum and generates heat and power to the local community.

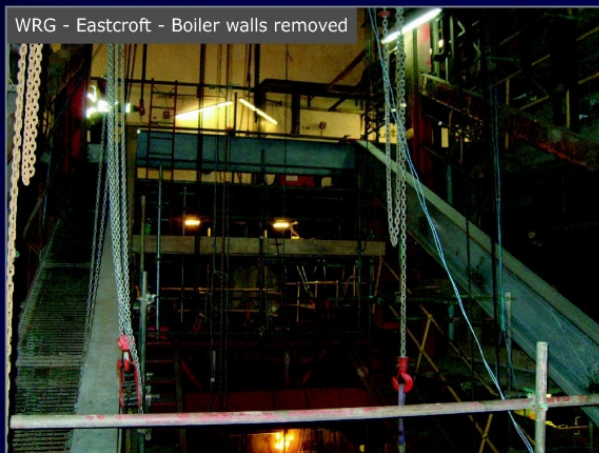
An estimated 4 million tonnes of waste has been diverted from landfill since the plant was commissioned in 1973.

In 2008, with the plants future expansion approved, Waste Recycle Group (WRG), embarked on modernising the existing plant.

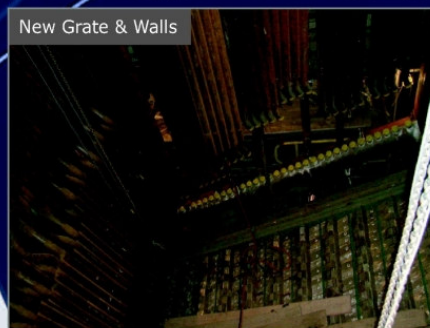
WRG - MODERNISATION PROJECT 2008 & 2009

In September 2008 TEI were awarded the contract for the detail engineering, manufacture, replacement and commissioning of the furnaces, superheaters, under-fire pre-heaters and process pipe work at Eastcroft.

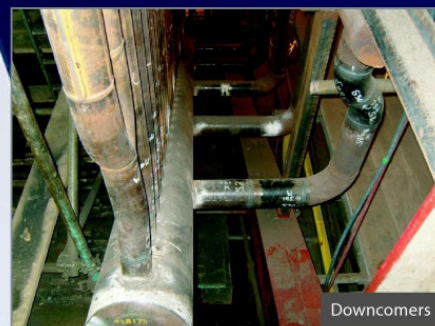
Also, on behalf of Martin GmbH in Germany, TEI secured the work for the dismantling of existing grate and the installation of a new reverse acting grate, designed by Martin GmbH. The feed and discharger equipment, including all support steelwork, was also renewed.



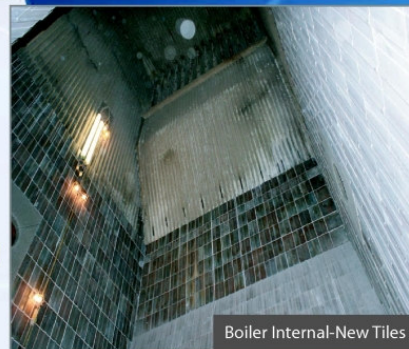
WRG - Eastcroft - Boiler walls removed



New Grate & Walls



Downcomers



Boiler Internal-New Tiles

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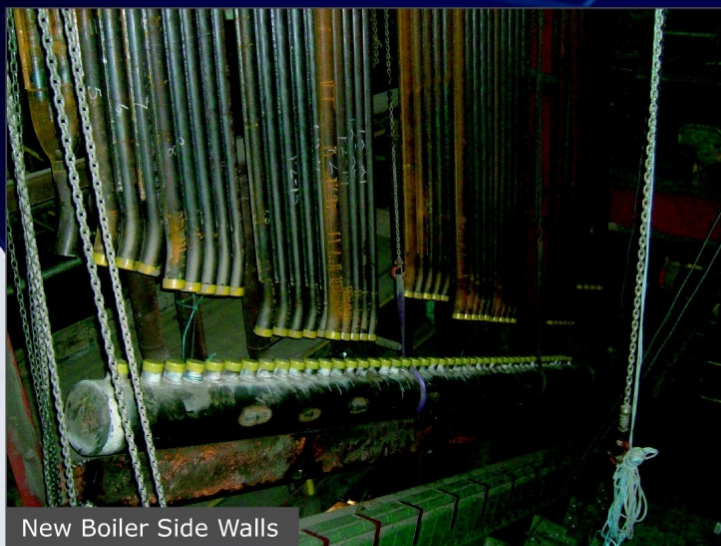
enquiries@tei.co.uk
www.tei.co.uk

KEY ACTIVITIES

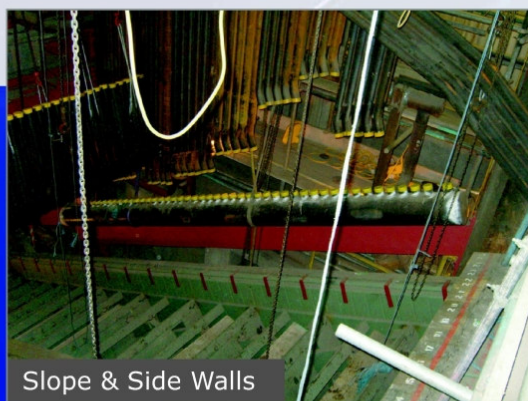
REMOVAL & REPLACEMENT OF NEW:

- Furnace wall panels
- Furnace steam headers
- Steam process pipework
- Feedwater pipework
- Primary & Secondary Air Ducting
- Boiler & grate support steelwork
- New access gantries

Management and control of sub-contracts for Inspection, Refractory, Insulation & Scaffolding.



New Boiler Side Walls

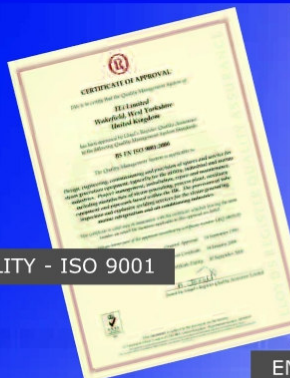


Slope & Side Walls



Unit 1 Preheater

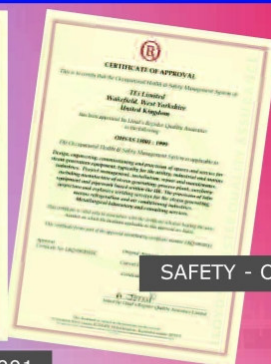
QUALITY SERVICES



QUALITY - ISO 9001



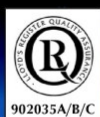
ENVIRONMENT - ISO 14001



SAFETY - OHSAS 18002

TEI's integrated management system, IMS, is certified by LRQA for all 3 standards.

"Not only do we provide superior quality services but your contract will be completed to the highest safety & environmental standards"



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