

## ***DUE DILIGENCE AUDITS OF CLINICAL WASTE INCINERATION FACILITIES – Various locations, UK***

**Client:** Confidential major finance corporation



*Images of Bolton Incinerator*

### **Description**

The project included the due diligence audits of clinical waste incineration facilities at sites throughout the United Kingdom. The Client was a finance corporation looking at the backing of a Management Buyout.

The incinerators were all pulsed hearth with dry clean-up plant including lime and carbon injection. The facilities were based on hospital sites. All three sites included heat recovery and one site also included power generation.

On reviewing the plant, concern was raised over their ability to meet both current and proposed future legislation without various upgrade works. The proposal for a Directive on the Incineration of Waste, European Commission 1998, was compared with plant design and performance along with current EC Directives 89/369/EEC, 89/428/EEC, 94/67/EC and UK Guidelines S5.01. The extent of the work required, capital cost and effective operational costs were identified. The risks involved in the market place and a general environmental audit of the site and discharges were also included.

Further concerns were raised over the adequacy of current maintenance and manning levels and general operational procedures.

The final audit listed and costed the required improvements so that a true value of the plant, its potential revenue and risk to income could be determined.