



POLLUTION PREVENTION AND CONTROL

BMT Cordah Limited

BMT Cordah Limited has been assisting industry in preparation for the implementation of the Pollution Prevention and Control (PPC) Regulations since their introduction in 2000. The primary aim of PPC is to reduce emissions to the environment as a whole by providing an integrated approach to environmental protection using Best Available Techniques (BAT).



The determination of BAT has to consider everything from design of chosen technology to operational procedures and management systems, and requires industry to quantify the environmental impact of all aspects of its operations in a thorough manner.

Individual companies will have different needs in meeting the requirements of PPC. BMT Cordah can provide a tailored package of support from assistance with a single component to the preparation of a complete PPC application.

BMT Cordah can provide a number of complementary services in preparing for a PPC permit application, covering a wide range of environmental issues.

- Air quality and atmospheric dispersion modelling
- Noise assessment and management
- Site condition desk study & intrusive investigations
- Waste management option evaluation
- Development and implementation of appropriate environmental management systems (EMS)
- Risk and liability management
- Gap analysis and action plan preparation

BMT Cordah has been involved with a range of clients across a variety of industrial sectors in preparing PPC applications and has also provided expert advice to statutory consultees on technical issues. BMT Cordah has undertaken PPC work in the following industrial sectors:

- Timber processing
- Printing
- Pharmaceuticals
- Textiles
- Oil and gas supply
- Shipbuilding and repair
- Paper making
- Landfill operation
- Fuel from waste
- Medical waste incineration

Recent PPC Clients:

- Egger (UK) Ltd (chipboard)
- Arjo Wiggins Stoneywood Mill
- Pharmaceuticals (confidential client)
- Forth Estuary Engineering
- Aberdeen Harbour Board
- Large Gas Distributor (confidential client)
- Scottish Textiles Association
- Combustion Technology Ltd
- Interflex Printing
- Teich Flexibles
- Stoneyhill Waste Management
- JT Inglis and Sons
- Buckie Shipyard
- Biofuel power generator (confidential client)
- Malakoff and Moore Limited

Pollution Prevention and Control

BMT Cordah has experience of preparing PPC permit applications for a number of clients, and has considerable skill in negotiating and managing the interface with the regulatory bodies.

BMT Cordah has successfully undertaken the following individual components of PPC application support work individually or as tailored packages to suit client requirements:

- Preparation of site condition report
- Preparation of site conceptual models
- Air quality impact assessment
- Atmospheric dispersion modelling
- Noise assessment, surveys and management
- Preparation of documented systems to identify, assess and minimise environmental risks
- Provision of an assessment of potential significant environmental effects of foreseeable emissions
- Characterisation of solid and liquid waste streams
- Assessment of activities against BAT
- Preparation of complete application document for submission to regulator
- Provision of training in PPC application structure development and design
- Provision of on-going PPC guidance
- QA of client prepared documents.

Examples of BMT Cordah PPC Projects 2000-2003

Client: Egger (UK) Ltd

BMT Cordah has submitted PPC permit applications for two facilities in England and one in Scotland on behalf of the client. This included management of the project and preparation of the complete application documents. The project involved two industry sectors (including a COMAH tier 1 site) and three different regulators.

Client: Aberdeen Harbour Board

BMT Cordah prepared a complete PPC permit application for ship repair activities carried out by various contractors at the Harbour Board's pontoon dock facility. Activities on the dock include hull washing and paint stripping, engineering works and repainting of vessels. A permit for the facility was granted in August 2000.

Client: Arjo Wiggins Stoneywood Mill

BMT Cordah assisted the environmental team at Stoneywood Mill in preparing the structure for its PPC permit application. Arjo Wiggins Stoneywood Mill manufactures fine papers and special papers for embossing applications. Studies carried out by BMT Cordah included a desk top site investigation and noise survey. The application was duly made in July 2000.

Client: Confidential

BMT Cordah worked with the client to prepare the PPC permit application for a large Gas Compressor Station on behalf of a major utility provider. BMT Cordah provided general support and technical specialists to prepare the requisite noise and air quality aspects of the application.

Client: Combustion Technology Limited

BMT Cordah is currently working with the above client on an animal rendering plant to provide the technical specialists to prepare the requisite noise, air quality and site condition aspects of the PPC application.

Client: J T Inglis and Sons Limited

BMT Cordah prepared a complete PPC permit application, including desk top site investigation, for J T Inglis and Sons textile coating operations in Dundee. Activities on the site include fabric proofing with water repellants and fungicides. The site operates a boiler, effluent treatment plant and chemical storage and make up facilities. The application was duly made in December 2002.



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