



PROJECT SUMMARY

IPPC Application Programme, Major Aeronautical Engineering Company, UK-wide



KEY PROJECT ELEMENTS

- **LIASON WITH SEPA
AND THE
ENVIRONMENT
AGENCY**
- **BAT
JUSTIFICATION**
- **IMPACT
ASSESSMENT OF
EMISSIONS**
- **EFFLUENT
TREATMENT
DESIGN**
- **ATMOSPHERIC
EMISSIONS
MODELLING**
- **DOCUMENTATION
DEVELOPMENT**
- **SUBMISSION OF
IPPC APPLICATION**

CRA is working with one of the UK's most prestigious aeronautical engineering companies to gain permits for its manufacturing operations as A(1) and A(2) surface treatment of metals or inorganic chemicals processes, under the Pollution Prevention and Control (England & Wales) Regulations 2000 (as amended). The project extends to facilities in England and Scotland, and so involves liaison with both the Environment Agency and SEPA.

In addition to existing facilities, CRA has prepared applications for two new developments, involving state-of-the-art manufacturing facilities, which required selection of plant to meet BAT. In all cases, the stationary technical units comprise some form of large-scale metals surface treatment process or chemical size reduction using acids. Associated activities include a wide range of machining, forging, surface preparation and coating, testing and ancillary activities, of which effluent treatment and boiler operation have been significant elements of the applications.

CRA has been responsible for all aspects of application preparation, including data collation, preparation of site plans, co-ordinating emissions monitoring, developing inventories, undertaking risk assessments and impact assessments and producing the application documents.

Specialist studies included the preparation of site reports, dispersion modelling and noise assessment. The impact assessments were undertaken using the H1 method, to screen out insignificant releases.

This is a major programme of application projects, with varying timescales for completion and varying levels of complexity.