



PROJECT SUMMARY

IPPC Application and EMS Development, Hanson Red Bank, Measham



KEY PROJECT ELEMENTS

- **GAP ANALYSIS**
- **ASPECTS
EVALUATION**
- **DOCUMENTATION
DEVELOPMENT**
- **BAT
JUSTIFICATION**
- **IMPACT
ASSESSMENT OF
EMISSIONS**
- **SUBMISSION OF
IPPC APPLICATION**
- **REGULATOR
LIAISON**

CRA supported Hanson Red Bank in preparing an application for a permit as an A(2) ceramics process under the Pollution Prevention and Control (England & Wales) Regulations 2000 (as amended), for its terracotta tile plant at Measham, Leicestershire. The permit was granted in the summer of 2006, following an extensive period of liaison with the regulator and the provision of additional information in response to requests from consultees.

Following an initial gap analysis against the requirements of IPPC, including for management systems procedures, a project programme was agreed with Red Bank. CRA was responsible for developing inventories of raw materials, emissions and wastes, preparing descriptions of processes and abatement and carrying out an impact assessment. CRA also completed the application forms, accompanying reports and plans.

Technical issues addressed included the emissions to atmosphere of combustion gases, including hydrogen fluoride and NO_x, from the kilns, control of surface drainage, and storage and handling of materials. Specialist studies undertaken as part of the project included a Site Condition Report. CRA also undertook an energy audit, primarily to help the company with its Climate Change Agreement project, but also for use in the permit application.

CRA also assisted Red Bank in liaison with the regulator to confirm the scope of the installation. By demonstrating that various processing activities were not technically connected to the kilns, the scale and complexity of the application was reduced. CRA also provide advice with regard to environmental management. system against future microbiological contamination issues.