



## **PROJECT SUMMARY**

## **IPPC Application for Surface Treatment of Metals, Acorn Surface Technology, Nottinghamshire**

### **KEY PROJECT ELEMENTS**

- **GAP ANALYSIS**
- **DATA  
COLLECTION**
- **IMPACT  
ASSESSMENT**
- **REGULATOR  
LIAISON**
- **SUBMISSION OF  
APPLICATION**

Acorn Surface Technology carries out a range of surface treatment processes on metal components for the aerospace and other manufacturing sectors. Many of the treatments involve immersion in caustic or acidic solutions, which comprise a Part A(2) activity under the Pollution Prevention and Control (England & Wales) Regulations 2000. Acorn also undertakes various surface coating activities, including spray painting and vacuum coating.

CRA was commissioned to prepare an application on behalf of Acorn for a PPC permit. The initial phase involved a gap analysis and data collection activities.

The application project included:

- Negotiation with the Environment Agency and local authority regarding the classification of the installation as an A(2) activity rather than an A(1), which resulted in substantial cost savings;
- Collation of raw material, waste and emissions data;
- Assessment of potential pollution impacts and nuisance, including the use of the H1 assessment tool;
- Review of activities against sector BAT requirements; and
- Preparation of an application report which described in detail the manufacturing activities and management and abatement techniques employed.

The installation has received its permit.