

## **Air Permitting, Reporting, and Recordkeeping**

### AIR EMISSIONS INVENTORIES AND PERMITTING

Baseline air emissions inventories were completed, which were then used in determining permit needs, estimating annual air emissions, and preparing NR 406 Construction Permit applications and NR 407 Operation Permit applications. Air emission inventories have been completed for a variety of industrial sources including foundries, printers, wood coating, metal finishing, plastic processing and chemical mixing and formulation.

Emission estimates including actual, maximum theoretical emissions (MTE) and potential to emit (PTE) are compared to permitting thresholds and applicable exemptions to document permit status and requirements. Construction permit applications and operation permit applications are prepared for major, synthetic minor, and minor sources under state and federal permitting regulations and guidelines.

### AIR EMISSIONS CONTROL TECHNOLOGY REVIEW

Provided regulatory interpretation and compliance assistance to several printers, and surface coating facilities to demonstrate compliance with RACT (Reasonably Available Control Technology) and BACT (Best Available Control Technology). Provided guidance and technical support in setting up compliance documentation and demonstration in a form easily maintained by facility staff.

Completed review, documentation, reports and recommendations for LACT (Latest Available Control Technology) Analysis for printing and plastics production facilities.

Provided guidance for EPA MACT data requests for several industry groups including wood coating, plastics coating and foundries. Reviewed facility emissions data to determine applicability of MACT to production operations.

### FUEL SYSTEM PERMITTING

Completed emissions estimates and determined permit requirements for proposed fuel systems including gasoline, fuel oil, and aviation gas. Completed construction and operation permitting activities and compliance demonstrations.