

# AIR QUALITY

An onerous number of air quality regulations have been promulgated, especially since the 1990 Clean Air Act Amendments. Providence is committed to lifting some of the regulatory burdens for our clients by developing compliance strategies and providing technically sound and cost-effective solutions. Whether it is a permitting issue, an emission testing question, a dispersion modeling challenge, or an emission control problem, our dynamic team of air quality professionals has solutions.

## Professional Services

### Our air quality services include:

- Air Quality permitting
  - State permitting
  - Prevention of Significant Deterioration (PSD) permitting
  - Nonattainment New Source Review (NNSR)
  - Title V (Part 70) permitting
  - Title IV (Acid Rain) permitting
- Air quality dispersion modeling analysis (ISC, AERMOD, CALPUFF)
- Ambient air monitoring
- Urban and regional air quality research
- Reporting
  - Emission inventories
  - Title V compliance certifications
  - SARA reporting (Sections 311, 312, and 313)

## Professional Services

### Cont'd

- Emission Reduction Credits (ERCs) certification and transactions
- Emission test planning
- Continuous Emission Monitoring System (CEMS) regulations and implementation
- Prevention of accidental release/Risk Management Plans (RMP)
- Litigation support/expert testimony
- Air toxics and MACT compliance
- Compliance auditing and management
- Onsite professional services
- Air quality and noise impact analysis for transportation projects

## Industries Served

### Providence has experience in the following industries:

- Chemical industry
- Oil and gas/petrochemical industry
- Power industry
- Wood products/pulp and paper industry
- Cement, tile, clay and stone
- Asphalt and aggregate products
- Fiber glass and glass wool plants
- Semiconductor and high tech industry
- Electroplating facilities
- Heavy equipment manufacturing
- Wastewater treatment plants
- Institutional and government entities

