

Air Quality Control

When certain chemicals, particulates, or biological materials are released into the atmosphere, it causes not only damage to the environment, but harm to humans and other living organisms. In an effort to improve air quality, state and federal agencies set and enforce limits on pollutant emissions into the air. To ensure compliance, companies are required to declare these pollutants and apply for permits to ensure emission sources stay within these limits.

Being compliant with the state and federal regulations and choosing the best approach to minimize air emissions can be a daunting task. CAPACCIO's air quality engineering team understands these challenges and can address any air quality/control issues you have with cost-effective design solutions.

CAPACCIO works with you to create a plan that identifies the applicability of air regulations to your facility and its processes. We check to see how well your facility is demonstrating compliance and then determine what changes, if any, should be implemented. While our approach is to assist our clients in achieving and maintaining compliance, CAPACCIO also has extensive experience working with regulators and will guide you through the process so CAPACCIO and your company have a vested interest in the outcome.

BENEFITS

- Remain in compliance with regulatory agencies and, therefore, avoid unnecessary fines
- Improve air quality and protect the environment
- Reduce operating costs through a selection of efficient air quality control systems

SERVICES

Engineering and Design

- Air pollution control design
- Specifications
- Design
- Construction observation
- Feasibility studies
- Control options
- Cost of control
- Control equipment evaluations

- Troubleshooting
- Testing
- Local exhaust ventilation
- Specifications
- Design
- Construction observation
- Facility environmental design
- New facilities
- Facility expansions/retrofits
- Periodic monitoring and reporting

Permitting and Licensing

- New construction permitting
- Major and non-major source permits
- Permit modifications and revisions
- Title V operating permits
- LAER/BACT/RACT determinations
- RACT emission control plans
- MACT permitting
- Air toxics evaluations
- Registrations/emission statements
- Dispersion modeling

Air Pollution Emission Assessments/Audits

- Compliance testing
- Protocol development
- Testing supervision
- Process emission inventories
- Greenhouse gas inventories
- Permit and regulatory compliance review
- Air refrigeration management

Risk Management Planning (RMP)

- RMP applicability evaluations
- Hazard assessments
- Off-site consequence analyses
- Management programs
- Prevention programs
- Emergency response plans
- RMP submitTM registrations
- RMP master document
- 3 year audits
- 5 year updates

Compliance Assistance

- Regulatory agency meetings
- Prepare NON/ACOP responses
- Strategic compliance/permit planning
- Legal counsel technical support
- Facility compliance evaluation
- Auditing

QUALIFICATIONS

At CAPACCIO, our approach is to ensure your company is in compliance. With CAPACCIO's extensive experience working with regulators, you will be ready to respond to any notices of non-compliance in a timely manner.

At CAPACCIO, we take pride in our work, our experienced staff, and most importantly, our working relationships with our clients. Through our knowledge and expertise, your company will be able to meet its production and compliance needs, while minimizing your environmental impacts.

Our air quality team are also:

- Licensed Professional Engineers (PE)
- Active members of Air and Waste Management Association (AEWMA)



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