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 and equipment shutdowns
- 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
- Construction observation
- Control equipment evaluations
- Control options
- Cost of control
- Design
- Facility environmental design
- Facility expansions/retrofits
- Feasibility studies

- Local exhaust ventilation
- New facilities
- · Periodic monitoring and reporting
- Specifications
- Testing
- Troubleshooting

Permitting and Licensing

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

Air Pollution Emission Assessments/Audits

- Air refrigeration management
- Compliance testing
- Facility/Process and stack emission inventories
- Greenhouse gas inventories
- · Permit and regulatory compliance review
- Protocol development
- Registrations/emission statements
- Testing supervision

Risk Management Planning (RMP)

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



Engineering and Design>

Compliance Assistance

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

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. 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 team are active members of Air and Waste Management Association (A&WMA) and several other professional and technical organizations.





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