

EQM's Air Expertise

EQM is synonymous with air quality expertise. EQM's staff has been at the forefront of air permitting, modeling, and air pollution control and capture issues since the inception of the EPA. EQM's air experts have the experience, skills, resources, and process knowledge to efficiently meet project objectives. EQM's staff has the reputation and credibility to provide agency interface and effectively negotiate on our clients' behalf for viable and workable solutions to air quality projects.



Serving the Air Needs of a Variety of Industries

EQM's air experts are experienced, prepared and available to consult on virtually any air related issues. EQM's staff has worked together for over 30 years in every aspect of air quality planning, design, engineering, permitting, modeling, and testing as well as litigation. We have served a number of industries in many sectors including:

- Steelmaking
- Cement
- Automotive
- Chemical
- Consumer Products
- Pharmaceutical
- Alternative Fuels
- Utilities

Recent EQM Projects

- Permitting of a landfill gas to energy boiler project at a pharmaceutical manufacturer
- Evaluation of performance, and recommendations for a thermal oxidizer at a chemical manufacturer
- Installation of FGD/baghouse system on coal-fired boilers for MACT Compliance
- Trial burn source testing at a carbon regeneration facility
- MON MACT compliance testing and permitting at a basic chemicals plant
- Permitting of a greenfield biodiesel manufacturing plant
- Permitting negotiations for a gas turbine cogeneration plant
- Dispersion modeling at steel facility
- Multi-state PSD permit evaluation and submittal for a greenfield steel manufacturing facility

Engineering News Record named Environmental Quality Management (EQM) one of the Top 20 Environmental Firms in Air Quality in the United States.

Air Services offered by EQM:

- Permitting
- Dispersion Modeling
- Air Pollution Control Engineering
- Compliance Assistance
- Database Development and Management
- Air Emissions Testing and Ambient Monitoring
- SARA Title III/Pollution Prevention
- GHG Management and Compliance

Air Quality Management Services EQM offers its clients:

Permitting

- Title V operating permits, CAM plans
- PSD and nonattainment permits
- Minor and Synthetic Minor New Source Review permits
- Netting and permitting strategy development and regulatory assistance

Dispersion Modeling

- Dispersion modeling to estimate ambient air quality levels for permits
- New and existing source impact analysis
- Stack height (GEP) and building wake analyses
- Human health and ecological risk assessments
- Accidental release modeling
- CALPUFF visibility and other impacts for BART and PSD permits
- See separate brochure for more details

Air Pollution Control Engineering

- Control system design, troubleshooting, and cost evaluation
- Combustion and process optimization
- Fuel and waste utilization
- Ventilation system design
- Recommendations and alternatives for RACT, BACT, LAER, and MACT compliance
- Plans and specifications
- See separate brochure for more details

Greenhouse Gas Management and Compliance

- GHG monitoring plans
- Calculation of GHG emissions for permits and for annual reporting
- Preparation of Title V and PSD/BACT permit applications
- Electronic submission of annual GHG emission reports to EPA

Compliance Assistance

- Compliance audits
- NESHAP/NSPS Compliance Reporting
- Federal and State Rule Applicability Determinations
- Emission control technologies
- Response to EPA § 114 Information Requests

Database Development and Management

- Emission inventory development
- Emission fee reports
- Permit compliance database development
- CAM support, recordkeeping and reporting

Air Emissions Testing and Ambient Monitoring

- Source testing
- Continuous emissions monitoring system design, specifications, and certification
- Ambient monitoring of criteria and toxic pollutants
- Soil-gas vapor sampling
- Fugitive emission surveys
- See separate brochure for more details

SARA Title III Compliance

- Reporting threshold determination
- Calculation of release to air and other media
- TRI report preparation
- Determination and reporting of Reportable Quantity (RQ) releases

About EQM

EQM is a full-service environmental consulting, engineering, and remediation firm. In addition to our corporate headquarters in Cincinnati, EQM has eight offices located throughout the United States.

For additional information, please contact:

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