

Air Quality Services

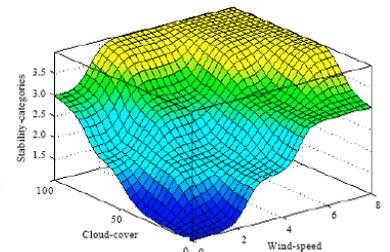


Providing Practical Solutions to Complex Issues

With over 25 years of experience in the air quality field, Calex is recognized as one of the premiere air quality consulting firms in the region. Calex has an extensive and diverse background in both atmospheric air emissions and occupational indoor air quality. The Calex approach to providing full service consulting allows us to provide many additional technical services such as stack testing, MACT/RACT compliance testing and indoor air quality assessments. This single source approach allows for much greater understanding of client compliance issues, resulting in more efficient identification and implementation of solutions. Calex maintains a large inventory of in-house testing equipment and up to date modeling software allowing for quick response times and accurate results.

Air Emissions Services

- Stationary & Area Source Permitting
- Device Permitting
- State Permits
- Title V Permits
- Air Dispersion Modeling
- MACT/RACT Compliance Assessments
- BACT Assessments
- Stack Testing
- Emissions Inventory Reporting
- Stack Height Evaluations
- Environmental Management Systems
- Recordkeeping and Compliance Audits
- NH RTAP Compliance Assessments
- Emissions Estimates



Calex Environmental provides high quality air related consulting services to ensure that our clients establish and maintain environmental compliance. Our broad experience, expertise and innovation provide us with the necessary resources to smoothly navigate the complex regulatory “terrain”.

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Indoor Air Quality

Indoor Air Quality (IAQ) is one of today's most prominent concerns among schools, office buildings, factories, retirement communities and hospitals, consistently ranking among the top five environmental risks to public health. Calex takes a serious, yet a practical and cost effective approach to indoor air quality issues. Our experienced professionals have assisted many clients in identifying IAQ issues and developing practical responses. We are not only capable of performing focused air evaluations, but also are skilled in communicating our findings to all interested parties.

EXAMPLE IAQ CONCERNS

- Acid Vapors
- Biological Agents
- Carbon Dioxide
- Carbon Monoxide
- Formaldehyde
- Mold
- OSHA Regulated Substances
- Particles
- Radon
- Vapor Encroachment (ASTM)
- Ventilation

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Assessment Strategies

Our IAQ assessments typically consist of the following process:

- Site inspection with building diagnostics such as building pressures, air flow, pollutant pathways, HVAC design, operation, and maintenance procedures, occupant activities and interviews and complaint investigations.
- Testing, sample extraction, and laboratory analyses. Interpretation of laboratory results and findings of the site inspection and contaminant sources.
- Formal report with results of inspection and diagnostics, sample interpretation, and recommendations for remediation to improve indoor air quality.

Example IAQ Sampling Methodologies

- Direct Reading Instruments
- FID Screening
- Passive Doisimeter
- PID Screening
- Sorbent Tube
- Spore Trap & Filter Cassette
- SUMMA Canister
- ASTM, EPA, NIOSH and OSHA Methods

