

Energy and Power Industry

CAPACCIO's experienced staff of engineers and environmental, health and safety (EH&S) professionals have provided the energy and power industry with cost-effective and creative air, water/wastewater, hazardous waste, and EH&S compliance and auditing solutions to major North American companies. Our engineering professionals are also experts in greenhouse gas management, which due to state and/or federal requirements, has become an evolving environmental issue for energy and power companies. This industry is also facing pressure from customers, shareholders, or the community to reduce greenhouse gases (GHGs). Our sustainability professionals can ensure your requirements are being met and that you are staying ahead of these demands.

Environmental, Health and Safety On-Site Management Program

CAPACCIO EH&S professionals can become part of your team under our unique Environmental Management Program™. With this service, our professionals can complement your existing staff or be used to alleviate temporary or long-term workloads. Our on-site services are a great way to get expertise when you need it without paying a full time salary and benefits.

Environmental, Health and Safety Compliance

- Auditing for systems (ISO, OHSAS) and EH&S compliance
- Compliance monitoring reports
- Contingency and emergency response plans
- Development of environmental management systems
- Development of environmental management tools (e.g., environmental compliance calendar)
- EH&S management programs
- EH&S live and computer-based training
- Gap Analyses
- Health and safety compliance reviews
- Emissions reports
- EPCRA and TURA reporting
- Hazardous waste generator training
- ISO 14000 and OHSAS 18000 program development, implementation and training
- Process Safety Management (PSM) program development
- Risk Management Programs (RMP)

- Spill prevention, control, and countermeasures plans (SPCC) and training
- Stormwater pollution prevention plans and training
- Waste management
- Wastewater treatment (WWT) system operation and maintenance assistance and operator training

Sustainability Services

- GHG services
- Sustainability and corporate assessments including:
 - Meeting the EICC standard
 - Helping with SRI Certification
 - Verification
 - Benchmarking

Environmental Permitting

- Determinations for Lowest Achievable Emission Rate (LAER), Best Available Control Technology (BACT), and Reasonably Available Control Technology (RACT)
- Engineering certification of above and underground storage tanks
- Flammable storage permits and licenses
- Oil and Hazardous Material Release Prevention and Response Act,
- Permit application preparation for air pollution control systems and process ventilation, stormwater and wastewater
- Permit application preparation for water treatment and wastewater treatment systems
- Permit applications for fuel burning equipment including emergency generators
- Permit application preparation for surface water discharges under the National Pollutant Discharge Elimination System (NPDES) program

Engineering Design and Construction Assistance

- Bid assistance
- Contaminated soil and groundwater management
- Design of air and wastewater pollution control/treatment systems

- Design of local exhaust ventilation
- Drawings and specifications
- Industrial ventilation design and review
- Pilot testing
- Process safety management (for pilot and manufacturing plants)
- Treatability and feasibility studies

Due Diligence

- ASTM Phase I environmental assessments
- Facility set-up and closure assistance
- Groundwater investigations
- Property transaction screening
- Waste Management

QUALIFICATIONS

CAPACCIO professionals are:

- Certified Industrial Hygienists (CIH)
- Certified RABQSA Auditors
- Certified Hazardous Materials Managers (CHMM)
- Certified Environmental, Health & Safety Trainers (CET)
- Certified Safety Professionals
- Licensed Professional Engineers (PE)
- Licensed Site Professionals (LSP)
- Sustainability Professionals
- Toxics Use Reduction Planners (TURP)



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