

ISO 14000 / AUDITS / COMPLIANCE

Representative Project Experience

COMPREHENSIVE ON-CALL ENVIRONMENTAL CONSULTING - AIR, WASTE, WATER

Industrial clients of various sizes, throughout the country and abroad, have hired KERAMIDA to provide on-going environmental compliance support and strategic planning assistance. Our industrial clients use KERAMIDA for complete environmental support (outsourcing) or to support the in-house team's on-going needs and strategic planning.

We have set up Environmental Management Systems for our industrial clients that provide on-going knowledge of environmental compliance and monitoring of goal achievement. Examples of support services include:

- Audits and compliance assessments
- Setting up compliance management systems
- RCRA
- Waste management
- Waste minimization
- Employee training
- CERCLA
- Voluntary cleanup and other investigation and remediation projects
- Wastewater treatment
- NPDES and pretreatment issues
- Wetlands delineation and mitigation
- Stormwater runoff
- Pollution prevention plans
- SPCC plans
- Indoor air monitoring and OSHA concerns
- MSDS development
- Regulatory form completion
- Sampling and monitoring of media
- Emissions and discharges
- Risk assessment and risk management
- Air management and pollution control

We have also provided similar services have to municipalities. KERAMIDA has developed proprietary e-commerce support functions for clients, offering daily access to KERAMIDA's expertise and project communication services.

PERMITTING AND SITING OF FACILITIES

In addition to permit preparation, KERAMIDA has successfully assisted many industrial and municipal clients with the siting of facilities, including defining the technical and socio-economic parameters of a desirable site, performing evaluations of potential sites, recommending a site, supporting and orchestrating public hearings and negotiations with regulatory agencies and the public, and securing the siting of facilities and the issuance of permits.

ISO 14000

KERAMIDA has been advising industrial and municipal clients, nationally and abroad, on the principles and requirements of ISO 14000. KERAMIDA has been a player in the ISO 14000 arena since the early 1990's. KERAMIDA's technical, regulatory and systems management expertise, and understanding of pollution control and environmental management, are indispensable in designing an environmental management system in accordance to the ISO 14001 standard that works for the client without overbearing the client's budget and resources. KERAMIDA has also developed software to facilitate the design and implementation of environmental management systems and is offering site-specific systems integration for clients with systems already in place. KERAMIDA has seven qualified ISO 14000 Lead Auditors and has formed alliances with ISO 14000 Registration companies to assure a smooth and cost-effective registration process for its clients.

ENVIRONMENTAL AUDITS

KERAMIDA has performed hundreds of comprehensive environmental audits for manufacturing facilities, throughout the country and abroad, both for compliance assessment and acquisition purposes, on behalf of industrial clients, law firms and lending institutions. Examples of industries include: metal fabrication plants, steel rolling mills, foundries, auto parts manufacturing, metal products manufacturing sites, plastic plants, paper mills, fertilizer plants, utilities, etc.

The audits KERAMIDA has performed have included:

- Extensive review of production, materials, processes, environmental management systems, by-products and generation of wastes, as well as the operational history and records of the facility
- Local, state and federal file review
- Compliance record review
- Investigation of on-site and off-site waste disposal practices and sites
- Review of pending regulatory actions including Superfund involvement
- On-site inspection and interviews
- Preparation of a comprehensive report and management-friendly check lists

KERAMIDA, furthermore, has conducted specialized environmental audits, such as waterworks and wastewater treatment (POTW) audits at various university campuses and municipalities, and RCRA compliance customized audits for universities, municipalities, and industries.

ENVIRONMENTAL MANAGEMENT SYSTEMS

KERAMIDA has assisted clients in the design and implementation of audit-based recommended corrective measures and environmental management practices to ensure the facility's compliance with environmental statutes and regulations, and prepare the facility for regulatory inspections. KERAMIDA's assistance has included the organization of the facility's environmental files and the development of compliance timetables and action trees.

KERAMIDA has developed environmental management systems for clients to assure long-term environmental performance and conformance to corporate strategy and goals, as well as to assure conformance to ISO 14001 standards, when such conformance is desirable by the client. KERAMIDA is frequently brought in as a member of the senior corporate management team and our expertise is used by industry to help define environmental goals based on corporate growth needs.

POLLUTION PREVENTION

KERAMIDA has performed pollution prevention evaluations for many industrial clients as part of a comprehensive audit and has prepared pollution prevention plans to satisfy regulatory requirements under RCRA, CWA, etc., as well as good management practices. Furthermore, KERAMIDA has evaluated recycling processes and material substitutions and has made successful recommendations to clients, enabling them to reduce their waste generation. KERAMIDA has worked closely with state agencies and trade associations on drafting guidances regarding waste reuse, pollution prevention, and sustainable industries.

| Client | Services Performed | Scope of Work & Project Description |
|----------------------|--------------------|---|
| City of Indianapolis | ISO 14000 / EMS | KERAMIDA was hired to assist the City in the development of its ISO 14000 program, and played a major role in clarifying the relationship and impact of the ISO 14001 and EMS concepts to the operations, policies and strategies of a municipal government. KERAMIDA assisted in all aspects of the ISO 14000/EMS project, including development of overall strategy, city-wide policy, identification of areas of concern, aspects, objectives, targets and performance indicators, and the drafting of the EMS manual, including the development of checklists and flow charts and the drafting of procedures. |
| Major University | ISO 14000 / EMS | KERAMIDA was retained by University's counsel to assist the University in its development of an Environmental Management System (EMS) in conformance to ISO 14001. The project's initial step is an evaluation of the policies and procedures, and the communication channels presently in place at the University, and a performance of a Gap analysis. |