

## ENVIRONMENTAL, HEALTH & SAFETY TRAINING

### Representative Experience

#### EXAMPLES OF TRAINING WORKSHOPS

Provided by KERAMIDA for the Employees of Specific Clients

##### Spill Contingency Training - Major Metals Manufacturing Company

KERAMIDA conducted a half-day training course covering oil and chemical spills, including Emergency Response, Communications, and Cleanup requirements. KERAMIDA developed the training materials and performed the training of the industrial employees.

##### Oil Spill Control and Countermeasures Training - Major Manufacturer

KERAMIDA conducted a half-day training course meeting the SPCC requirements, covering Emergency Response, Communications, and Cleanup. KERAMIDA developed the training materials and performed the on-site training of the industrial employees.

##### Stormwater Pollution Prevention Training - Major Manufacturer

KERAMIDA conducted a half-day training course covering Spill Response, Communications, Inspections, Record Keeping, Good Housekeeping, Sampling and Permitting. KERAMIDA developed the training materials and performed the on-site training of the industrial employees.

##### Waste Labeling Training - Major Manufacturer

KERAMIDA conducted a half-day training course covering labeling requirements under RCRA. KERAMIDA developed the facility-specific training materials and performed the on-site training of the industrial employees.

##### ISO 14000 Internal Auditor Training - Major Electric Utility

KERAMIDA conducted a one and a half day training course covering the principals of the ISO 14000 Environmental Management Systems (EMS) audit, as required by the ISO 14000 standard for Internal Auditors. KERAMIDA developed the facility-specific training materials and performed the on-site training of the industrial employees. The course included the performance of a mock ISO 14000 EMS facility audit by the designated employees, under KERAMIDA's guidance.

##### Hazardous Waste Generator Awareness Training - Multi-Facility Major Electric Utility

KERAMIDA conducted a half-day regulatory required training course covering worker health & safety and environmental requirements for hazardous waste generators. KERAMIDA developed the facility-specific training materials, performed the on-site training of the industrial employees and issued the certificates documenting each employee's training.

##### Health & Safety Procedures Development & Training - Multi-Facility Industrial Corporation

The following Health & Safety procedures were developed for a 27-facility industrial corporation. The procedures were incorporated into a KERAMIDA-designed website and employees from each facility received training.

##### **Health & Safety Program (HSP) Master List:**

- Accident Investigation
- Asbestos
- Below the Hook
- Benzene
- Bloodborne Pathogens
- Cadmium
- Chemical Approval Program
- Coke Oven Emissions Program
- Confined Space Entry
- Contractors-Hiring and Certificates of Insurance
- Danger & Warning Tag Program
- Drug Free Workplace

**Health & Safety Program (HSP) Master List (Cont.):**

- Employee Access to Records
- Employee Alarm Systems
- Employee Emergency & Disaster Preparedness Procedures
- Employee Wellness
- Ergonomics
- Fall Protection Program
- Fire Prevention - Extinguishers & Sprinklers
- First Aid & Medical Treatment
- Powered Industrial Trucks Program (Forklifts)
- Formaldehyde Safety
- Hazard Communication
- Hearing Conservation
- Heavy Mobile Equipment
- High Voltage - Electrical
- Hot Work-Cutting, Welding, Brazing
- Industrial Hygiene Guidelines
- Ionizing Radiation Safety
- Job Safety Analysis
- Ladders
- Lead Safety
- Program for the Control of Hazardous Energy (Lockout/Tagout)
- Low Voltage - Electrical
- Machine Guarding
- Non-Ionizing Radiation Safety
- OSHA Inspection Protocol
- Overhead Material Handling-Cranes, Monorails, etc.
- Personal Protective Equipment Program (PPE)
- Property and Vehicle Loss Control
- Punch Presses
- Respiratory Protection
- Return to Work
- Robotics
- Safety Inspections
- Safety Orientation Training & Job Transfer
- Safety Training Guidelines
- Silica

## TRAINING COURSES OFFERED By KERAMIDA Professionals

### Health & Safety Training Courses by Various KERAMIDA Professionals

The following subjects have been covered in various training sessions for industrial facilities:

- Hazardous Communication
- Respiratory Protection
- Walking Surfaces
- Bloodborne Pathogens
- Emergency Action Plans
- Material Handling of Chemicals
- Personal Protective Equipment
- Medical Record Access
- Emergency Response Plans
- Agency Inspections
- Internal Auditing Process
- Job Safety Analysis
- OSHA 300 Logs/Recordkeeping
- Incident Investigation
- Work Permits
- Electrical Work Safety

### 40-Hour ISO 14001 Lead Auditor Course

The ISO 14001 Environmental Management System Lead Auditor Course is taught by KERAMIDA's certified ISO 14001 Lead Auditors and is approved for certification of the attendees. The 40-hour course is designed for environmental and quality management system specialist who wish to become certified ISO 14001 Lead Auditors, and need to gain the knowledge and skills necessary to plan, conduct, report, and lead audits of Environmental Management Systems (EMS), under the ISO 14001 standard. The course follows the basic steps of preparing for the conducting and ISO 14001 EMS audit, including report writing and corrective actions. Participants learn environmental audits processes and procedures in conformance with the ISO 14001 auditing standard. The course includes a full day of performing a mock audit and a written certification exam.

### Web-Based ISO 14001 Internal Auditor Training Course

KERAMIDA, in cooperation with the National Die Casters Association (NADCA) has developed web-based training course for individuals wishing to receive the required by the ISO 14001 standard training for the ISO 14001 Environmental Management Systems (EMS) Internal Auditor. The self-guided electronic course includes examples from various industrial categories and contains a final examination.

## TRAINING & TEACHING EXPERIENCE

**V. Keramida, Ph.D.:** Taught a two-day course, twice a year, for 7 years, at Indiana University on Hazardous Materials Management. The course prepared the students for the Certified Hazardous Materials Manager national certification examination. (1988-1995)

**V. Keramida, Ph.D.:** Taught graduate and undergraduate Environmental Engineering courses, as an adjunct professor and visiting professor at Purdue University's Environmental Engineering Department and Indiana University's School of Public and Environmental Affairs. (1980-1993)