

**Jerry D. Earley, CIH, REHS –EH&S Consulting**

1. **Recognized Provider Name:** Jerry D. Earley, MA, CIH, REHS
2. **Job title/Organization, Corporation or Agency Name:**  
Jerry D. Earley, CIH, REHS –EH&S Consulting
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6. **Title/Description/Number of hours each Presentation/course:**

**\*All classes are 8 hours in length.**

**Direct Reading Instrumentation:** This class introduces the student to the needs, uses, and limitations of direct reading instruments. The student is afforded the opportunity for hands on use in a controlled environment. The outline of the course is as follows:

- A. Physical properties of chemicals
- B. Characteristics of a good instrument
- C. Combustible gas indicators
- D. Oxygen meters
- E. Photo ionization detectors
- F. Flame ionization detectors
- G. Colorimetric indicator tubes
- H. Radiation detection instruments

**Class duration: 8 hours**

**First Responder Awareness to Methamphetamine Laboratories:** This class introduces the student to the hazards that are expected at clandestine drug labs and in implications for environmental health professionals. This is a CSTI sanctioned class and is written in compliance with the emergency response requirement of CAL/OSHA. The outline of the course is as follows:

- A. Methamphetamine facts
  - a. Physical and psychological effects
  - b. Cost of manufacture
- B. Facility and structural hazards
- C. Environmental hazards
- D. Manufacturing methods
- E. Manufacturing locations
- F. PPE requirements
- G. Role of environmental health during the investigation and remediation
- H. Notifications

**Hazard Categorization:** This class teaches the student to categorize unknown chemicals by their general characteristics or flammability, reactivity, toxicity, or corrosivity through haz-cat. The student will then be able to choose the correct protective measures and remediation methods.

- A. RCRA classes of hazardous wastes
- B. Physical characteristics of chemicals
- C. Risk vs. hazard
- D. Hands-on laboratory
  - a. Liquid unknowns
  - b. Solid unknowns

**HAZWOPER Annual Refresher:** This class is required by the State of California Emergency Management Agency for all hazardous materials inspectors. It makes the student aware of the hazards associated with hazardous waste response and how the employee will protect himself and the public.

- A. Review of toxicology
- B. Review of exposure standards

- C. Respiratory protection
- D. Personal protective equipment
- E. Direct reading instrumentation
- F. Decontamination

**Medical Waste and Bloodborne Pathogens:** This class makes the student aware of the hazards associated with bloodborne pathogens in compliance with Title 8, CCR 5193 and the ordinance pertaining to the body art industry. The proper handling and transport of medical waste is also covered.

- A. Types of medical waste
- B. Laws and regulations
- C. Transportation of medical waste
- D. Classification of medical waste
- E. Bloodborne pathogens
  - a. Hepatitis
  - b. AIDS
  - c. Disinfection
  - d. The physical requirements of a tattoo parlor

**Annual Field Practicum:** Each year the students take part in a field exercise with their counter-parts in the fire service. The student learns to make a safe response to an unknown release while using direct reading instruments, PPE, and haz-cat techniques.

- A. Use of reference materials
- B. Review of direct reading equipment
- C. Review of respirator inspection and checkout procedures
- D. Donning and taping of protective clothing
- E. Response to a release
- F. After action critique

## **Biographical Data:**

**JERRY D. EARLEY, M.A., CIH, REHS**

**1532 E. ADAMS PARK DRIVE**

**COVINA, CA 91724**

**(626)966-5635**



## **EXPERIENCE**

- ① 2005 to present – Senior Industrial Hygienist with Atlantic Pacific Environmental specializing in mold remediation and over-site.
- ① 2003 to present – Owner of the Jerry D. Earley, CIH, REHS, EH&S Consulting specializing in health and safety training and comprehensive industrial hygiene.
- ① 1999 to present - Instructor at Rio Hondo Community College in the Environmental Technology Department. I am responsible for teaching the following courses: sampling and analysis, hazardous waste operations and emergency response, environmental geographic information systems, and developed the groundwater hydrology course. I also conduct the following short courses and seminars: instrumentation, first responder awareness to methamphetamine hazards, and hazard categorization.
- ① 2003 to present - Consultant and partner with J.E.S.K. Environmental Health and Safety Consultants. I conduct occupational risk assessments, program audits and review, and provide mandated OSHA training and evaluations.
- ① 1999 to 2003 - Senior Industrial Hygienist, California Department of Justice, Bureau of Narcotic Enforcement where I was responsible for officer health and safety throughout Southern California. I conducted audits of the existing health and safety programs, revised them as required and implemented program changes. I conducted air monitoring to evaluate the workplace and ensure compliance with OSHA laws and regulations.
- ① 1993 to 1999 - Associate Industrial Hygienist, California Department of Toxic Substances Control where I was responsible for ensuring a safe working environment and provided mandated health evaluations and training. I conducted inspections and field audits at hazardous waste facilities and provided oversight at remediation sites.
- ① 1989 to 1993 - Associate Industrial Hygienist, Cal OSHA where I was responsible for conducting complaint investigations at a broad range of businesses throughout the San Gabriel Valley. I assisted and advised employers of cost effective methods to comply with occupational health and safety regulations.
- ① 1986 to 1989 - Associate Hazardous Materials Specialist, California Department of Health Services, Toxic Substances Control Division. I conducted investigations at hazardous waste treatment storage and disposal facilities throughout Southern California.
- ① 1978 to 1986 - Senior Environmental Health Specialist (Senior Sanitarian) Los Angeles County Department of Health Services. I was responsible for the direct

supervision of staff Sanitarian's and office personnel. I conducted follow-up inspections and routine inspections at food establishments throughout the greater Los Angeles County. I also provided training and mentoring for entry level health inspectors.

## **EDUCATION**

- ① **Masters of Arts in Health and Safety Studies** from the California State University at Los Angeles. Graduated 1987
- ① **Bachelor of Science in Environmental Health Sciences** from the California State University at Los Angeles. Graduated 1975
- ① **Certified Industrial Hygienist**, American Board of Industrial Hygiene #7441 CP
- ① **Registered Environmental Health Specialist**, State of California, Department of Health Services #4089.
- ① **Certified Hazardous Material Specialist**, State of California, Office of Emergency Services.

## **PROFESSIONAL AFFILIATIONS**

- ① Diplomat, American Academy of Industrial Hygiene
- ① Member, American Industrial Hygiene Association
- ① Member, California Environmental Health Association