Environmental Management Consulting, Inc.

Science Staff Chemical Hygiene Officer (CHO) Training Class

EMC is offering training classes for Science staff who have been assigned the role of the Chemical Hygiene Officer (CHO) to assist in compliance with DSPS and OSHA requirements for science laboratory operations. The purpose of the regulation is to create and implement a plan that describe practices, procedures, equipment and facilities to be used by employees, and other personnel working with hazardous chemicals in a laboratory setting throughout the School District.

Per regulation, this training is designed for staff members who are qualified by training or experience to provide technical guidance in the development and implementation of the provisions of the Chemical Hygiene Plan (CHP). Typically, the Science Department head or Chemistry Teacher is assigned the CHO duties.

Training Agenda:

1) **Science Chemical Hygiene Standard 29 CFR 1910.1450**
   - The scope and contents of this standard and its appendices
   - The location and availability of the employer's Chemical Hygiene Plan;
   - The permissible exposure limits for OSHA regulated substances or recommended exposure limits for other hazardous chemicals where there is no applicable OSHA standard; ACGIH TLV's and NIOSH REL's;
   - Signs and symptoms associated with exposures to hazardous chemicals used in the laboratory;
   - The location and availability of known reference material on the hazards, safe handling, storage and disposal of hazardous chemicals found in the laboratory;
   - Methods and observations that may be used to detect the presence or release of a hazardous chemical
   - The physical and health hazards of chemicals in the work area;
   - The measures employees can take to protect themselves from these hazards, including specific procedures the employer has implemented to protect employees from exposure to hazardous chemicals, such as appropriate work practices;
   - Appendix – non-mandatory-best practices in the science lab
   - Applicable recommendations-best practices

2) **Hazard Communication Standard**
   - Safety Data Sheets (SDS) and GHS
   - Chemical Container Labeling

3) **Required Safety Programs**
   - Emergency Action Plan
   - Personal Protection Equipment (PPE)
   - Respiratory Protection
   - Compressed Gas

4) **Lab Safety Equipment-Operation and Maintenance**

5) **Other Sources of School Chemical Exposure**

6) **Written Science Chemical Hygiene Plan Requirements**

Course Information:

GREEN BAY, WI
BAY PORT HIGH SCHOOL – (EXACT ROOM TO BE DETERMINED)
(8:00 AM – 12:00 PM) JANUARY 19, 2026