

FACT SHEET

Chemical Hygiene Plan (CHP)

A critical focus of the laboratory safety programs is the requirement for chemical safety, which in the United States is specifically regulated by OSHA Laboratory Standard, 29 CFR § 1910.1450, Occupational Exposure to Hazardous Chemicals in Laboratories. This standard was created to minimize employee exposure to hazardous chemicals in the laboratory and sets forth guidelines for employers and trained laboratory personnel engaged in the use of hazardous chemicals.³ The Chemical Hygiene Plan is the foundation of the laboratory safety program and should be reviewed and updated, as needed, on an annual basis to reflect changes in policies and personnel.

Topics included in a CHP are:

1. Individual responsibilities for chemical hygiene within the organization
2. Emergency preparedness and facility security issues
3. Personal apparel and PPE
4. Chemical management
5. Laboratory housekeeping
6. Standard operating procedures
7. Emergency action plan (EAP) for accidents and spills
8. Safety equipment
9. Chemical waste policies
10. Required training
11. Safety rules and regulations
12. Facility design and laboratory ventilation
13. Medical and environmental monitoring
14. Compressed gas safety
15. Laboratory equipment
16. Biological safety, and
17. Radiation safety

