

BIOSAFETY TECHNICAL CONSULTANT - LIFE SCIENCES PRACTICE

Environmental Health & Engineering (EH&E) is seeking a mid-level biosafety professional to work as part of the Life Sciences Practice team at one or more of EH&E's on-site laboratory research client locations based in the Boston/Cambridge area, as well as with some out-of-state clients. The Biosafety Technical Consultant will work with the Life Sciences Practice team with the following responsibilities:

Biosafety and Laboratory Safety: Perform risk assessments and job safety analyses for work involving chemical and biological materials. With direction and guidance from on-site subject matter experts; conduct air sampling and personal monitoring for specific materials used in the research environment; inspect and/or test and audit the performance of safety equipment such as safety showers and eyewash stations, chemical fume hoods and spill kits; perform respiratory protection fit-testing. Participate in Institutional Biosafety Committee and Laboratory Safety Committee meetings. Maintain databases. Assist clients with identification of appropriate biological laboratory containment levels and strategies for hazard assessment and control.

Hazardous Materials and Waste Management: Assist in shipping hazardous materials and biological materials; respond to chemical, biological, and after-hours emergencies; assist with incident investigations; assist EH&S staff with maintaining hazardous chemical waste program compliance.

Laboratory Inspections: Conduct periodic inspections and compliance reviews of laboratories that use biological materials, hazardous chemicals, and specialized equipment to ensure that they meet federal, state, and local government regulations. Consult with Principal Investigators and laboratory personnel on inspection findings and provide appropriate recommendations based on regulatory compliance and best practice guidance. Conduct follow-up with laboratory personnel as needed.

Safety Training: Prepare and deliver classroom based and online laboratory EH&S and biosafety training programs. Topics include laboratory safety and chemical hygiene, biosafety, NIH rDNA Guidelines, OSHA Bloodborne Pathogens Standard, Shipping (IATA/DOT), and other customized training.

Safety Information and Communications: Develop and update written EH&S and biosafety materials (e.g., Biosafety Manual, Chemical Hygiene Plan, Hazard Communication, etc.). Interface with laboratory personnel in the laboratory environment to review EH&S best practices and regulatory requirements. Prepare, update and draft site policies, guidelines and procedures for biological and chemical hazards and processes.

Other: Participate in special projects and provide assistance to the Life Sciences Practice team as requested by supervisor.

REQUIREMENTS

B.S. or M.S. degree in a related field (biology, microbiology, molecular biology, biochemistry, environmental science) along with relevant experience in the field of laboratory and biological safety. Working knowledge of biomedical processes, equipment and facilities, and ability to communicate complex technical issues to diverse clients is required. Must have customer service and collaborative attitude and skills, and exceptional written and oral communication. Must have ability to work independently and as a team member. Must be eligible to work in the US. OSHA 40-hour HAZWOPER emergency response training and DOT/RCRA hazardous waste certification is preferred.

The ideal candidate will have between three and five years of experience, with direct work experience in a research laboratory, clinical laboratory or the biotech industry, either as an EH&S professional or as a bench scientist. Successful candidates must possess strong writing, presentation, and organizational skills and display a positive, client-focused work ethic. Regular travel to client sites within Boston/Cambridge is required; candidates are responsible for their own transportation.

Must be able to wear a respirator and participate in off-hours emergency response. Must be proficient in MS Office. Demonstrated ability to perform internet searches to collect technical and regulatory information required for biological hazard analysis and risk assessment. The candidate will be expected to increase professional competency via in-house refresher training, literature reviews and participation in biosafety professional organizations and training.

EH&E, an employee-owned enterprise, offers a competitive salary, excellent growth potential, and a generous benefits package including tuition assistance and 401(k).

Environmental Health & Engineering is an Equal Opportunity Employer (EOE). Qualified applicants are considered for employment without regard to age, race, color, religion, sex, national origin, sexual orientation, disability or veteran status.