

Biosafety Manual & SOPs



MCE Consulting's team assists laboratories with the development and writing of a customized Biosafety Manual describing the organization's policies to provide a safe, healthy and secure working environment. The Manual describes the mechanisms in place to identify, reduce and monitor the risks associated with potentially hazardous biological agents and delineates the responsibilities within the organization for achieving it. Standard Operating Procedures (SOPs) are also written to detail the specific procedures involved. MCE Consulting can develop new Manuals and SOPs, or review existing ones to determine compliance with guidelines, recommending revisions if necessary.

Afterward, our team can provide customized hand-on training at the laboratory to educate staff on your organization's policies and procedures. MCE uses adult learning theory to provide employees with the knowledge and the competence to work safely and securely. For BSL3 facilities, emphasis is placed on ensuring employees have a good understanding of the conceptual operation of the BSL3 laboratory and the specific design features of the facility in order to use the facility appropriately and respond during emergencies and failure scenarios. SOP training consists of lectures, group exercises/scenarios, and hands-on activities within the laboratory (e.g. entry/exit, donning/doffing PPE, use of critical biosafety equipment, emergency procedures).

MCE Consulting can assist you with SOP development in the following areas:

- Biosafety & Biosecurity Program Management
- Document Control & Record Keeping
- Employee Orientation & Training
- Personnel Entry/Exit & Protective Clothing
- Movement of Samples & Equipment
- Safe Handling of Animals
- Use of Biological Safety Cabinets & Primary Containment Equipment
- Disinfection, Decontamination & Waste Disposal
- Spill Cleanup Inside & Outside the BSC
- Biosecurity, Biological Agent Inventory & Storage
- Accident & Incident Reporting
- Emergency Procedures
- Potential Exposures & Medical Emergencies
- Occupational Health & Medical Surveillance
- Housekeeping & Cleaning
- Pest Control Procedures