



BSL3 Certification & Recertification

MCE Consulting provides comprehensive BSL3 and BSL4 certification & recertification services, a process whereby the laboratory is independently assessed for compliance against a set of established criteria. Certification enables an organization to demonstrate adherence to applicable national regulations and international guidelines and recertification demonstrates ongoing compliance. Ultimately, the certification ensures that the required facility engineering and administration controls are in place to operate the laboratory in a safe and secure manner.

Certification Process

1) Outline Certification Requirements

- Identify & describe detailed certification requirements for the facility in consultation with the client and in accordance with national requirements & international best practices (e.g. WHO Laboratory Biosafety Manual)

2) Review of Documentation

- Review of scientific program and conduct risk assessment on the activities carried out within the BSL 3 facility
- Review design drawings, specifications & commissioning plan
- Review documentation related to the operation of the facility (e.g. biosafety manual, standard operating practices, management program, training records, occupational health & safety program, maintenance program)
- Review final commissioning test results related to critical containment components

3) On-site Visit

- Physically inspect lab, supporting infrastructure, equipment, HVAC and mechanical spaces including visualization of smoke across containment barriers of all rooms during normal and emergency conditions
- Re-verify redundant and back-up systems by conducting failure scenario testing of critical containment components and the Building Automation System to ensure operations function as required

4) Certification

- Compile initial observations and conclusions into compliant and non-compliant findings (including both minor and major deficiencies)
- Provide an action plan and prioritized list of recommendations for compliance
- Follow-up action items for compliance and track to closure
- Compile final certification documents