

Biological Safety Cabinet Certification Procedure

Certification

According to the Canadian Biosafety Standard, Biological Safety Cabinets (BSCs) must be used for procedures that may produce infectious aerosols and for procedures that involve high concentrations or large volumes of biohazardous materials. BSCs must be certified upon initial installation, after repairs or relocation, and annually, in accordance with NSF/ANSI Standard 49.

Scheduling of the Annual Certification

EHS will notify the Principal Investigator 3-4 weeks prior to the annual certification.

The time required to test and certify a BSC is approximately 90 minutes, however a half-day window is required (e.g. May 14 AM).

Scheduling of the Certification after Repairs/Relocation

To have your BSC re-certified after it has been repaired and/or relocated, contact Lorena Boju, Biosafety Technician, at 514-848-2424 extension 5008.

Preparation of the Biological Safety Cabinet for Certification

To prevent contamination of your materials and equipment, and to protect the HEPA Filter Services staff from exposure to hazardous materials, you are **required** to take the following actions:

- Notify all cabinet users of the scheduled date of testing and certification service.
- Remove all equipment and supplies, including sharps and waste containers from the BSC.
- Wipe down all work surfaces with an appropriate surface disinfectant.

Important: EHS will charge a 20\$ fee if the BSC is not adequately prepared for certification.

Payment

EHS will invoice the Principal Investigator for the testing and certification of the BSC and any other charges that were incurred with respect to their BSC testing and certification.

Other charges

Repairs and replacement of expendable parts (e.g. HEPA filter, motors, light tubes, etc.) are not covered under the testing and certification contract. All costs associated with these activities will be charged directly to the PI.

Questions/Problems?

If you have any questions or are having a problem with your BSC or suspect it is not working properly, please contact Lorena Boju, Biosafety Technician, at 514-848-2424 extension 5008.