Biological Safety Cabinets

B · https://fo.umich.edu/fosg/biological-safety-cabinets/

Biological Safety Cabinet (BSC) is an important piece of scientific equipment designed to contain biological hazards. Repairs should only be made by trained personnel that understand the potential hazards present. Environment, Health and Safety (EHS) Biological and Laboratory Safety technicians are trained and approved by the five main BSC manufacturers to repair, maintain, certify, and provide warranty work on BSCs.

In addition, all work on BSCs must be approved by the U-M Biological Safety Officer (BSO) to prevent the potential release of a biological agent to the environment and potential exposure of personnel. When required by the BSO, trained EHS technicians will decontaminate the BSC in accordance with the NSF Standard before repair work can begin.

Once a BSC has been repaired it must be re-certified by persons trained in the NSF 49 BSC Certification Standard. EHS technicians are NSF 49 trained and have the specialty equipment required to conduct this certification.

EHS service is covered in many circumstances, however, there are situations in which customers are expected to pay for services provided. Please refer to the EHS "Engineering Controls Standard of Care" documents at https://ehs.umich.edu/research-clinical/equipment-tools/biological-safety-cabinets/. Departments requesting service to BSCs should call EHS at 647-1143.

Maintenance Services is responsible for providing all utilities to the BSC including: vacuum, gas, and the wall electrical outlet. A small number of BSCs are placed beneath a canopy exhaust or connected to the building exhaust. In these cases Maintenance Services maintains the exhaust system up to the BSC. To request service, call the Facilities Service Center at 734-647-2059 or visit requests.fo.umich.edu.