

Biological Safety Cabinet (BSC) Power Failure SOP

- a) Avoid personal contamination, close open containers of biohazardous material, surface-decontaminate, and remove them from the BSC;
- b) Surface-decontaminate and remove all other equipment/materials from the BSC;
- c) Remove and dispose of biohazardous waste according to TRU guidelines;
- d) Remove any contaminated PPE and place in appropriate waste receptacle;
- e) If PPE was removed in previous step, replace removed PPE with inspected and uncontaminated PPE;
- f) Switch off the alarm and blower motor;
- g) Affix a warning sign (e.g. "OUT OF ORDER. DO NOT USE") to the cabinet;
- h) If the failure is due to a temporary power outage: restart and decontaminate the BSC when the power returns;
- i) If the failure is due to BSC malfunction: close sash until power returns and have the cabinet serviced. Ensure that the BSC is decontaminated before any internal repairs are carried out;
- j) To ensure that appropriate medical follow-up action is taken, notify your supervisor if anyone may have been exposed to infectious material due to the cabinet failure and submit a Hazard/Incident Report to OSEM.