Biological Safety Cabinet  
Operating Instructions

Before using the cabinet:
- Verify the correct position of the sash.
- Confirm inward directional airflow by gauge readings or by using a tissue.
- Disinfect work surfaces with appropriate disinfectant.
- Place essential items inside cabinet.
- Allow the blower to run for 5-10 min before starting work.

While using the cabinet:
- Place small biohazard bag in container for discarding tips, etc. as you work.
- Ensure material and equipment is placed near the back of the hood, especially aerosol-generating equipment. Do not block any vents.
- Wear appropriate personal protective equipment.
- Use techniques that reduce splatter and aerosols.
- General work flow should be from clean to contaminated areas.
- Avoid excessive movement of hands and arms through the front of the cabinet.
- Avoid the use of open flames.

After using the cabinet:
- Leave the blower on for at least 5 minutes to purge the cabinet.
- Ensure all containers are closed/covered before removing from the cabinet.
- Remove and decontaminate equipment and materials.
- Disinfect cabinet surfaces.
- Turn off the blower.

In case of BSC failure:
1. Discontinue work with the biological material immediately.
2. Cap or seal all cultures securely.
3. Decontaminate the work area with an appropriate disinfectant.
4. Contact Facilities Services at ext. 23582.

Certification
Your cabinet must be certified when first installed and then on an annual basis. It must be re-certified anytime it is moved.