ENVIRONMENT, HEALTH & SAFETY
UNIVERSITY OF MICHIGAN

Standard of Care # 7: Purchasing a Biological Safety Cabinet (BSC)

Guideline

Revision Date: 10/04/18

Applies To: University of Michigan researchers that need to purchase a BSC.

Engineering control equipment is a restricted commodity that can only be purchased after the Environment, Health & Safety (EHS) department approves the purchase transaction.

Process to Purchasing and Installing a BSC

When designing the laboratory space and determining the appropriate engineering control equipment, consider the following tips when selecting the BSC and determining where it will be located in the laboratory as per industry regulations:

- Consult with a EHS Biosafety Technician
- Assess the risks
- Select an engineering control equipment
- Examine the installation site
- Inspect the engineering control equipment upon receipt

STEP	RESOURCES
1. Determine where to place the BSC(s).	Placement of Biological Safety Cabinets with Dimensions
2. Order the BSC through Procurement Services	Restricted Purchases & Special Approvals
3. Contact EHS to certify the BSC	(734) 647-1143

Approved Manufacturers

The EHS Biosafety Technicians are trained and certified to service BSCs from the following manufacturers:

- Nuaire
- Baker Company
- Labconco
- Thermo Fischer

Caution for Purchases through Third-Party Vendors

EHS discourages purchasing a BSC from a third party vendor or from online sources such as Craig's list or eBay. EHS is not able to guarantee the following safety controls:

- The BSC is working as it was designed to work or that it works at all.
- The BSC is free of biohazards at the time the researcher receives it.

In addition, there is a potential for limited access to BSC parts, manufacturer guides, maintenance records, user records, and extended warranty benefits when the engineering control equipment does not come from the manufacturer or reputable institution.