

## EHS Standard of Care # 2: Unsafe Engineering Control Equipment

### 1.0 *Scope*

- 1.1 EHS occasionally identifies unsafe conditions related to the engineering control equipment they certify. In these circumstances EHS has the authority to remove the equipment from service. This document describes the procedure in detail.

### 2.0 *Definitions*

- 2.1 *Engineering control equipment* refers to devices certified by EHS or OSEH: laboratory fume hoods, biological safety cabinets (BSC), laminar flow hoods, and various local exhaust ventilation systems (LEV).
- 2.2 *Unsafe* conditions indicate there is a reasonable probability that use of the equipment will result in serious physical harm, fire, or significant environmental impact if the situation is allowed to continue.

### 3.0 *Procedure*

- 3.1 EHS is responsible for the certification of the equipment and will determine if an unsafe condition exists.
- 3.2 Once it has been determined there is an unsafe condition EHS must take the following actions.
  - 3.2.1 Do not certify the device and remove or deface old certification stickers.
  - 3.2.2 Post the device out of service using the Appendix A form "Out of Service".
  - 3.2.3 Notify the on-site owner/operator of the equipment that this equipment cannot be used. Notification would typically be made to the lab manager, supervisor, or Principal Investigator. If no one is present to notify, go to the next step of this procedure.
  - 3.2.4 Upon returning to the office EHS will send email notifications to the lab manager or Principal investigator and the appropriate contact responsible for maintenance of the equipment (if applicable). Typically fume hoods and LEV system notification is made to Facilities Operations. For BSCs, laminar flow hoods, and other equipment owned by the laboratory, the lab is responsible for repair either through coordination with OSEH or an outside vendor.
- 3.3 EHS will work with lab managers or PIs to find solutions to their engineering control needs and ensure safe practices are followed until the situation is resolved.

- 3.4 If possible, actions will be taken to remediate potentially unsafe conditions on site to avoid shutting down operations or removing equipment from service.

## 4.0 Commissioning Equipment

- 4.1 Upon receiving notification that the equipment has been repaired, EHS will attempt to certify the unit. If certification is achieved the equipment will be put back in service and the posting will be removed.

# OUT OF SERVICE DO NOT USE

**This equipment has been removed from service by EHS due to an unsafe condition.**

Unsafe conditions indicate there is a reasonable probability that use of the equipment will result in serious physical harm, fire, or significant environmental impact if the condition is allowed to continue.

**Justification:**

Unacceptable Air Flow \_\_\_\_\_

Mechanical Hazard \_\_\_\_\_

Electrical Safety Hazard \_\_\_\_\_

Other: \_\_\_\_\_

**Please contact group indicated below for additional information:**

Facilities Management Call Center at 3-5270

EHS at 3-4914

EHS Certification Technician \_\_\_\_\_ Date Posted \_\_\_\_\_

**Repair Note:** This hood was repaired on \_\_\_/\_\_\_/\_\_\_ by Facilities Management. We will contact EHS to recertify your hood.