

**SECTION 11 53 53**  
**BIOLOGICAL SAFETY CABINETS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

This section specifies VA-furnished, Contractor-installed laminar-flow biohazard safety cabinets.

**PART 2 - PRODUCTS**

**NOT APPLICABLE**

**PART 3 - EXECUTION**

**3.1 PREPARATION**

Install biohazard safety cabinets after installation of finish flooring in rooms to receive cabinets has been completed.

**3.2 INSTALLATION**

**A. General:**

1. Install biohazard safety cabinets according to manufacturer's written instructions and relevant requirements in SEFA 2.3.
2. Coordinate installation with related mechanical and electrical work. Provide cutouts and openings for plumbing and electrical work as indicated or as required by trades involved.
3. Refer to Division 23 for Venturi exhaust valves on biosafety cabinets.

**B. Cabinets:**

1. Install level, plumb, true, and straight without distortion.
2. Shim cabinets using concealed shims.
3. Adjust hardware so that doors and drawers operate smoothly without warp or bind. Lubricate operating hardware as recommended in writing by manufacturer.

**3.3 TESTING**

After installation, test laminar-flow biohazard safety cabinets according to NSF 49 and permanently attach certificate of compliance to equipment.

**3.4 PROTECTING AND CLEANING**

- A.** Protect equipment from dirt, water, and chemical or mechanical injury during the remainder of the construction period.
- B.** At the completion of work, clean equipment as required to produce ready-for-use condition.

**3.5 INSTRUCTIONS**

Instruct personnel and transmit operating instructions in accordance  
with requirements in specification.

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