



## Installations Committee Web Meeting

Tuesday, June 4, 2024 - 2:00 PM - 3:00PM (EDT)

Co-Chairs - Dennis Mertz - JED Installations a DH Pace Company

Lisa Ryan - Lab Crafters

### **PRELIMINARY AGENDA**

- Recap of March 13, 2024 Meeting
- Continue discussion and update of SEFA 2
  - Section 4.2.1 Floors
  - Section 7.0 Installation Procedures
  - Section 7.1 Installer Qualification
  - Section 7.7 Discuss specific qualifications for Installers
- Discuss Manufacturer certified - vs - SEFA recommended qualifications of installer
- Review items to finalize for the next meeting
- Set new meeting date

**MEETING ADJOURNED**

#### 4.2.1 Floors (Current Language – no changes proposed)

Floors within the area of casework installation are to be broom clean and free of obstruction. It is the responsibility of the general contractor or owner, to provide adequate pathways and work areas that allow for distribution of the laboratory casework in an efficient manner, to facilitate a quality installation. It is recommended that laboratory furniture and equipment is installed on finished flooring. The levelness and flatness of the floor is a critical factor in the fit and finish of the laboratory base cabinets and countertops. Prior to the start of the installation, the customer should verify the F-numbers for the floor flatness meet the project requirements but are no less than an FF 25 as defined by the American Concrete Institute ACI 117. The laboratory floor shall be level to within 1/8" in 10 feet in any direction. Any required corrections to the floor condition shall be by others and not the responsibility of SEF supplier.

## 7.0 Installation Procedures

### 7.1 Installer Qualification

**(Proposed changes/additions highlighted in yellow):**

The installer shall have at least five years of continuous experience installing laboratory **casework and** equipment using professional and accepted trade practices and be familiar with SEFA's **Standards Recommended Practices**. The installer may also be certified by a Scientific Equipment and Furniture Association Member (manufacturer or dealer) that hires the installer to perform the required scope of work.

**Installer: Company lead management and/or field representative who has the minimum required experience and/or certification of a SEFA manufacturer or dealer.**

## 7.7 Work Surfaces (Counter Tops)

Laboratory work surfaces shall be leveled and shimmed as necessary. Shims under a work surface shall generally not exceed 1/8 inch, (3 mm). Appropriate fastenings shall be made after the work surface is leveled, per the work surface manufacturer's recommendations.

Connecting sections of the work surface shall be reasonably flush within the manufacturer's tolerances for the material used and respective fabrication process. Work surface shall be installed to achieve a uniform alignment of the front edge of the tops.

Overhang of counter edges, in relation to furniture and cutouts for sinks, service fittings and electrical outlets shall be consistent and as indicated on approved shop drawings and installed accordingly.

Common methods of installing work surfaces and finishing joints involve adhesive, "z" clips epoxy cement or other mechanical devices. Slab types, (stone, epoxy, phenolic, Corian, plastic laminate, etc.), are fastened to understructures with appropriate adhesives, (silicone RTV sealant, epoxy cement, etc.). Wood, wood products core or fiber-cement tops are fastened to understructures with screws. Joints in work surfaces are typically grouted butt joints, or mechanically fastened joints. It is recommended that potable water be available in or near the rooms where countertops are designated to be installed.