

## **SECTION 223001 - THERMOSTATIC MIXING VALVES**

### **PART 1 - GENERAL**

#### **1.1 SUBMITTAL REQUIREMENTS**

- A. Product Data:
  - 1. Provide product datasheets for all products specified under this section.
  - 2. Clearly state voltages, if applicable, and all model numbers on all submittals.

### **PART 2 - PRODUCTS**

#### **2.1 POINT-OF-USE THERMOSTATIC MIXING VALVES FOR SINKS AND LAVATORIES**

- A. Tempered water shall be delivered to all public hand-washing facilities including, but not limited to sinks and lavatories through an approved water-temperature limiting device that conforms to ASSE 1070.
- B. Set outlet temperature of thermostatic mixing valve to 105 degrees F.
- C. Route tempered water to hot water side of sink and/or lavatory.
- D. Available Manufacturers: Subject to compliance with requirements, manufacturers offering valves which may be incorporated in the work include, but are not limited to, the following:
  - 1. Acorn
  - 2. Powers
  - 3. Leonard
  - 4. Bradley

#### **2.2 THERMOSTATIC MIXING VALVE FOR EMERGENCY EYE/FACE WASH/SHOWER UNITS**

- A. Tepid water shall be delivered to all eyewash, facewash, shower combination fixtures through an approved water-temperature limiting device that conforms to ASSE 1071.
- B. Set outlet temperature of thermostatic mixing valve to 90 degrees F.
- C. Available Manufacturers: Subject to compliance with requirements, manufacturers offering valves which may be incorporated in the work include, but are not limited to, the following:
  - 1. Acorn
  - 2. Powers

3. Leonard
4. Bradley

### **PART 3 - EXECUTION**

#### **3.1 THERMOSTATIC MIXING VALVE INSTALLATION**

- A. Provide all accessories in accordance with manufacturer's installation instructions.
- B. Provide check valves on the hot and cold-water inlet supply piping to each thermostatic mixing valve regardless if thermostatic mixing valve contains integral check valves.

**END OF SECTION 223001**