

## SECTION 22 11 23

### DOMESTIC WATER PUMPS

#### **PART 1 GENERAL**

##### **1.01 OPERATION AND MAINTENANCE DATA**

- A. Include documentation of inspections and tests performed, including logs, curves, and certificates.
- B. Documentation shall note replacement of equipment or components that failed during testing.

#### **PART 2 PRODUCTS**

##### **2.01 ACCEPTABLE PRODUCTS**

- A. Acceptable Domestic Hot Water Circulating Pump manufacturers:
  - 1. Armstrong
  - 2. Bell and Gossett
  - 3. Grundfos
  - 4. Wilo
- B. All-bronze construction.

#### **PART 3 EXECUTION**

##### **3.01 INSTALLATION**

- A. Hot water circulating pump shall be supported on each side of the pump. Provide isolation valves on each side of pump.
- B. Vibration Isolation: Mount equipment with motors larger than 5 hp on vibration isolation equipment base per standard Section 22 05 48 Mechanical Sound and Vibration.
- C. Connections: Coordinate piping installation and specialty arrangement requirements with schematics on drawings.
- D. Drawings shall indicate general arrangement of piping and specialties. The following are specific connection requirements:
  - 1. Install discharge pipe sizes equal to or greater than diameter of pump nozzles, and connect to sanitary drainage piping.

**END OF SECTION 22 11 23**