

## DIVISION 23 HEATING, VENTILATING AND AIR CONDITIONING

### Section 23 22 23 – Steam Condensate Pumps

#### **PART 1: GENERAL**

##### **1.01**

- A. Condensate pumping units shall be Aurora Series 220 condensate pumping units; bronze fitted centrifugal pumps with stainless-steel shafts and Viton mechanical seals with 1750-rpm motors and cast-iron receivers. Units shall come pre-wired with mechanical alternator. Receiver shall have thermometer and sight glass. Receiver shall have a drain line to floor drain.
- B. Arrange the inlet piping to the condensate receiver so Owner can dump condensate to floor drain before it ever enters the receiver.
- C. Avoid the use of plug valves in condensate systems.
- D. Avoid 2-1/2, 3-1/2 and 5-inch pipe in steam and condensate systems.
- E. Use 316 SS tubing with Swagelok fittings between the discharge of all condensate pumps and the connection at the utility tunnel.

#### **PART 2: PRODUCTS (NOT USED)**

#### **PART 3: EXECUTION (NOT USED)**

END OF SECTION 23 22 23