

232500 CHEMICAL WATER TREATMENT

1. As a minimum the university requires each facility to have a water softening system installed capable of treating all of the water entering the facility with weekly regeneration during off hours. Softeners must contain auto bypass as well as manual bypass circuits.
2. In the event HVAC equipment of significant size/capacity is installed, chemical water treatment may also be required for treating water to this equipment, which shall meet the following:
 - a. The HVAC Contractor shall engage a reputable Water Treatment Company to provide a complete water treatment program designed to minimize corrosion, scale formation and organic growth the following systems and/or equipment:
 1. Water Cooling Towers
 2. Chilled Water Closed Loop
 3. Heating Hot Water Closed Loop
 - b. The water treatment company shall be a recognized provider/manufacturer of water treatment chemicals/programs for at least 15 years.
 - a. The testing laboratory used shall be equipped to analyze samples in accordance with the standard methods of the American Water Works Association and the American Society for Testing Materials. The treatment company shall provide local support and backup technical support within a fifty-mile radius. The treatment company shall be accessible for technical support via a toll-free number.
 - b. The HVAC Contractor shall install all feeding equipment, such equipment to become the property of the Owner. The HVAC Contractor shall be responsible for all piping, valves, fittings, switches, and miscellaneous equipment required and/or recommended for a complete system as specified by the Water Treatment Company.