

SECTION 15545 - "WATER TREATMENT"

- 1.0 The specifications shall require the Mechanical Contractor to engage (as a subcontractor) the services of the University's current Water Treatment Service Provider for all water systems associated with heat transfer equipment.

The Water Treatment Service Provider shall follow the University's currently acceptable water treatment practices to flush, clean, test, treat, service and report on each water system.

- 2.0 The following equipment shall be included for each recirculating closed water system:

- A. One (1) bypass filter feeder
- B. One (1) coupon rack capable of accepting at least four coupons

- 3.0 Each cooling tower system shall include the following:

- A. One (1) makeup water meter with interface to the Operations Control Center (OCC).
- B. One (1) blowdown control valve.
- C. Provide auto-control equipment to accomplish the following:
 - 1. Add two (2) biocides (one oxidizing and one non-oxidizing) based on time.
 - 2. Add one (1) corrosion inhibitor based on system makeup – with the capability to add chemical based on time and on system blowdown.
 - 3. Control a blowdown valve based on system conductivity.

- 4.0 Project specification shall require a project close-out sheet (furnished by the University) to be completed by the Mechanical Sub-Contractor.

END OF SECTION