

BULLETIN

MISC.

(01/10)

This bulletin is to make you aware of issues that have been identified by the OD Team or other retailers and suggest Tenant's architect and engineer pursue further as it relates to Tenant's contract documents.

Clean Copper & Pipe Fittings

- In lieu of Tenants installing a steel chilled water system, Austin Energy has granted permission for Tenants to choose installing clean copper and pipe fittings. The copper and pipe fittings shall be used for the connection of Tenant air handlers to the base building chilled water system.
- If Tenant elects to install the clean copper and pipe fittings, please follow the attached specification from Austin Energy.

DOMAIN RETAIL TENANT COPPER CHILLED WATER PIPING

PRE-OPERATIONAL RINSE

- A. Tenant notification of pipe rinsing: CONTRACTOR shall notify AE of all new tenant piping connections 5 business days prior to the scheduled rinsing date.
- B. Tenant piping specifications: CONTRACTOR will use new ProPress crimped fittings (with O ring) and rigid copper annealed seamless type K water tubing meeting ASTM B88 and rated at 150 psi working pressure. The tubing shall be new homogenous tubing which is free from cracks, holes, foreign inclusions or other defects. It shall be uniform in density and other physical properties. Piping sizes shall range from ½" to 4". ProPress sealant shall be a NSF 61 approved silicone oil. **DO NOT use any petroleum-based lubricants.**
- C. Pre-operational rinsing of pipe: Upon completion of Tenant piping installation, CONTRACTOR shall rinse pipe with City water at full city water pressure for a period of 30 minutes to remove dirt and rinse water discharged directly to the sanitary sewer, per Austin Water Special Services Division (AWSSD) requirements. The installation of a bypass for rinsing purposes is prohibited. Rinsing of supply and return lines will occur independently prior to connection of piping to AE chilled water loop. Chilled water piping connecting tenant installation to AE loop will be rinsed separately and then connected to AE loop. Pipe fitting will be rinsed for a period of 5 minutes with discharge going to the sanitary sewer.
- D. Pre-operational testing of water: Austin Energy's designee will observe collection of rinsing sample and will test rinsed water to confirm City water consistency.
- E. Pre-operational fill: After the flush is complete and the customer piping has been connected to the AE system; the contractor shall fill the new piping with city water and assure all air in the new piping has been vented utilizing a permanent high point vent prior to opening to the AE system. Contractor shall not open system to AE's chilled water loop without written authorization from AE or its designee.

If tenants have any questions on procedures please contact Domain Plant Superintendent at 505-7076