1. Use steam provided from the Central Utilities Plant to satisfy humidification requirements where practical. Discuss with the University. If this source is not to be used, consider a steam-to-steam heat exchanger, evaporative humidifier or a designated steam humidification boiler.

2. Electronic or electric steam generators may only be used if Central Utilities Plant steam is not available and the total humidification steam load is less than 10kg/hr.

3. If designated steam humidification boiler is used, the boiler shall be designed for a humidification application with automatic blow down and make-up water pre-treatment. Flex or ‘S’ tube boilers are not acceptable.

4. **PROHIBITED** – Once-through wetted media evaporative humidifiers are not acceptable.

5. Steam grid humidifiers at the central air supply system are preferred. Use vertical tube type dispersion with no steam jacketing. Provide galvanized steel rods to support the distribution manifolds in the supply air plenums. Ensure adequate absorption distances are maintained downstream of the humidifier.