PART 1 - GENERAL

1.01 Achieve humidification through injection of central plant steam into the air handler rather than downstream ductwork. Steam grid injection system preferred. Provide minimum length of straight airflow for complete steam absorption as required by humidification equipment manufacturer.

1.02 Consider humidification for special projects, (i.e. Instrument storage, museums, etc.) Design new facilities with proper vapor barriers designed for humidified spaces. Design of humidification systems shall consider existing conditions in retrofit of existing facilities.

1.03 Control of humidification by means of the building control system. Generally setpoints shall be reset based on outside air temperature. Provide multiple averaging humidistats.

PART 2 - PRODUCTS

2.01 Acceptable manufacturer: DriSteem, Armstrong. Alternate Brand Request or Substitution Request Required.