



OCTOBER HUMIDITY CHECK

Commercial buildings, South Florida | Work through it this month
ABC Mechanical, LLC | (877) 824-9888 | abcmechhvac.com

A. IN-HOUSE, THIS WEEK

FACILITY DIRECTOR OR BUILDING ENGINEER

- ☐ Spaces with complaints (clammy, musty, sweating): _____
- ☐ Indoor relative humidity in those spaces: _____% Indoor dew point, if available: _____°F
- ☐ Any room over 60 percent RH for more than a day? Yes / No
- ☐ Setpoints lowered since September? Yes / No. Where: _____
- ☐ Sweating diffusers, ducts, or pipes seen? Yes / No. Where: _____
- ☐ Condensate pans full, slow, or overflowing? Yes / No
- ☐ Doors pulling hard or whistling (possible negative pressure)? Yes / No. Where: _____

B. SERVICE CONTRACTOR OR CONTROLS TECHNICIAN

THIS MONTH

- ☐ Economizer lockout is based on: Outdoor temperature only / Enthalpy / Outdoor dew point. Lockout value: _____
- ☐ Outdoor air dampers close in unoccupied hours? Yes / No. Verified by watching them move on: _____
- ☐ Weekend and holiday schedules match actual occupancy? Yes / No
- ☐ Outdoor air volume measured on: _____ Result versus design: _____
- ☐ Exhaust and makeup air balanced on problem floors? Yes / No / Not tested
- ☐ Dehumidification mode or reheat present? Yes / No. Enabled and running? Yes / No
- ☐ Dew point trended on the controls screen? Yes / No

C. ENGINEER

BEFORE ANYONE PRICES EQUIPMENT

- ☐ Is the humidity problem operational, controls, or capacity? _____
- ☐ Recommended changes, in order: _____
- ☐ Any equipment change sized to latent load and peak dew point, not only peak temperature? Yes / No

Sources: U.S. EPA, Moisture Control Guidance for Building Design, Construction and Maintenance (EPA 402-F-13053); EPA Mold Remediation in Schools and Commercial Buildings Guide, Chapter 2. Summary only. Design changes, ventilation rates, and energy code compliance are decisions for your licensed engineer.