



Humidifier (Steam / Spray) Maintenance Checklist

10 planned preventive maintenance tasks · Free PDF from PM Assist

A practical starting point for planned preventive maintenance. Always refer to the manufacturer's O&M manual and site-specific requirements.

Visual Checks

- ☐ Inspect condensate and drain lines for clear flow
- ☐ Check for leaks and water staining around the unit and in the duct

Functional Checks

- ☐ Inspect and replace the steam cylinder or clean electrodes/elements (steam types)
- ☐ Verify the steam distribution lance / spray nozzles are clear and even
- ☐ Check the fill, drain, and any flush/auto-drain cycle operate
- ☐ Confirm humidity sensor accuracy and control to setpoint
- ☐ Verify electrical supply, isolation, and any contactor operation

Cleaning & Housekeeping

- ☐ Descale water surfaces, distribution, and the tank

Safety Checks

- ☐ Check water quality and hygiene; manage legionella risk on spray/cold-water types

Record Keeping

- ☐ Record water hygiene, cylinder/descale, and humidity control in the log

Maintenance Frequency

Quarterly

- Check cylinder/electrode condition
- Inspect water hygiene and drains
- Verify humidity control

Annually

- Replace cylinder / service electrodes
- Full descale and clean
- Sensor calibration
- Hygiene disinfection on spray types