



Heat Interface Unit Maintenance Checklist

12 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

- ☐ Check the unit for leaks at connections, valves, and the heat exchanger

Functional Checks

- ☐ Record primary flow and return temperatures and compare against design
- ☐ Check secondary side flow and return temperatures for heating and hot water
- ☐ Test domestic hot water delivery temperature and time to temperature
- ☐ Verify control valves and actuators modulate correctly across their range
- ☐ Check the differential pressure control valve operates as designed
- ☐ Check for signs of plate heat exchanger fouling via temperature approach
- ☐ Verify the unit is not bypassing or keeping the primary hot when there is no demand
- ☐ Check system pressure and top up the secondary side where applicable

Cleaning & Housekeeping

- ☐ Clean or replace strainers on the primary and secondary sides

Record Keeping

- ☐ Take a heat meter reading and confirm it is communicating with the billing system
- ☐ Record all readings against the unit reference for network performance analysis

Maintenance Frequency

Annually

- Full service including strainer clean
- Temperature and performance readings
- Control valve and actuator check
- Heat meter reading and comms check

Quarterly

- Remote review of return temperatures and heat meter data where available
- Investigate outlying units