



Smoke & Heat Detectors 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

- ☐ Confirm the correct detector type is fitted for each environment
- ☐ Inspect for damage, paint, or covering that disables detectors

Functional Checks

- ☐ Functionally test detectors using appropriate test equipment (smoke/heat)
- ☐ Confirm each detector signals the correct zone at the panel
- ☐ Check detector sensitivity and any drift compensation (analogue addressable)
- ☐ Review false-alarm history and address recurring causes
- ☐ Verify beam detector alignment and operation (where fitted)

Cleaning & Housekeeping

- ☐ Clean detectors of dust and contamination per manufacturer guidance

Safety Checks

- ☐ Confirm detectors removed during works have been reinstated

Record Keeping

- ☐ Record detectors tested, faults, and cleaning in the fire log

Maintenance Frequency

Every 6 Months

- Test a sample of detectors (per BS 5839 service)
- Check sensitivity and zones
- Review false alarms

Annually

- Ensure every detector tested over the cycle
- Clean and check contaminated detectors
- Confirm types suit environments
- Update records