



Fixed Gas Detection System Maintenance Checklist

8 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 control panel shows normal with no sensor faults

Functional Checks

- ☐ Bump test each sensor with test gas and confirm it alarms
- ☐ Calibrate sensors to the manufacturer's schedule and record readings
- ☐ Confirm alarm set points are correct for each gas
- ☐ Test interfaces — gas valve shut-off, ventilation boost, plant shutdown
- ☐ Check sounders and beacons operate on alarm

Safety Checks

- ☐ Replace sensors at the end of their rated life

Record Keeping

- ☐ Record calibration certificates for each sensor

Maintenance Frequency

Monthly

- Check panel status
- Visual check of sensors

Every 6 Months

- Calibration and bump test
- Interface tests
- Issue calibration certificate