



Powered Gate & Vehicle Barrier Maintenance Checklist

9 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 hinges, rollers, tracks and the drive for wear and alignment
- ☐ Check warning signs and lights are present and working

Functional Checks

- ☐ Test the manual release and that the gate can be moved safely by hand
- ☐ Test access controls, loop detectors and fire service override

Safety Checks

- ☐ Measure closing forces with a calibrated force tester against BS EN 12453 limits
- ☐ Test safety edges stop and reverse the gate on contact
- ☐ Test photocells stop the gate when the beam is broken
- ☐ Check there are no crushing, shearing or trapping points in the travel

Record Keeping

- ☐ Record force measurements and safety device results

Maintenance Frequency

Weekly

- Visual check of safety edges and photocells
- Report damage

Every 6 Months

- Service by a competent engineer
- Force testing
- Safety device tests
- Lubrication and adjustment