

Preventative Maintenance Checklist – Gates and Operators



Date of Inspection: _____

Inspected By: _____

General Safety

- ☐ Verify all safety signs are legible and in place
- ☐ Confirm gate travel path is clear of obstructions
- ☐ Test emergency stop or manual release mechanism
- ☐ Check for any unusual noises during operation
- ☐ Ensure compliance with UL 325 and ASTM F2200 standards

Gate Structure

- ☐ Inspect hinges, rollers, and tracks for wear or damage
- ☐ Tighten all bolts, nuts, and mounting hardware
- ☐ Check welds or joints for cracks or fatigue
- ☐ Lubricate all moving parts (hinges, rollers, bearings)
- ☐ Inspect gate alignment and ensure smooth travel
- ☐ Look for signs of rust or corrosion and address as needed

Gate Operator (Motor)

- ☐ Inspect motor for overheating or unusual sounds
- ☐ Clean external surfaces of dust and debris
- ☐ Check belt/chain for wear and proper tension
- ☐ Lubricate motor and mechanical parts per manufacturer's specs
- ☐ Test all operator limits and settings (open/close limits)
- ☐ Inspect and clean gearboxes (if applicable)

Electrical System

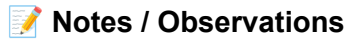
- ☐ Inspect all wiring and connections for wear or corrosion
- ☐ Check control box for moisture, pests, or damage
- ☐ Test battery backup system (if installed)
- ☐ Verify proper operation of all sensors and loops
- ☐ Ensure grounding is intact and functional

Safety Features

- ☐ Test photo-eye sensors (obstruction test)
- ☐ Verify edge sensors and pressure bars are operational
- ☐ Inspect safety loops and magnetic detection systems
- ☐ Confirm gate reverses upon impact or obstruction
- ☐ Check timer to close function for proper delay

Documentation & Labels

- ☐ Record all inspections and maintenance activities
- ☐ Ensure operator's manual is accessible and up-to-date
- ☐ Confirm installer contact and warranty info are available

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