

Maintenance of Automatic Sliding Doors

Maintenance Engineers must be qualified to work on automatic doors to BS 7036 and the Automatic Door Technician Check List must be carried out when servicing and maintaining automatic doors, to provide the evidence that parameters are adhered too and safety devices are in place.

Automatic sliding doors must be formally inspected for maintenance on a six monthly basis. The first year of maintenance should be included in all quotes and orders for new automatic doors, maintenance thereafter will be as recommended in the manual provided with the doors and should be carried out by a suitably qualified engineer.

Also, in accordance with BS 7036, the **occupier or caretaker** of the building is required to undertake a **weekly** safety check (see checklist on page two) which shall include the following:

- Checking that the door is activated from a range of approximately 1400mm.
Checking that the safety devices are working correctly and that the moving door leaf avoids contact with any person using the door.
- Ensuring that there are no distractions or obstructions in the vicinity of the door which may congest or inhibit traffic flow.
- Checking that the door has no tripping or slipping hazards.
- Checking all door panels for broken or cut glass.
- Checking that all doors have signs displayed at recommended viewing heights.
- Checking the position and security of associated screens and barriers.
- Checking that all doors activated by the fire system in “Fire” mode operate correctly (a requirement of BS 5839).
- All checks must be recorded and entered into a logbook which is kept onsite.

If a fault is found which affects safe operation of the door, then the door operating equipment must be switched off and the door made safe.

Maintenance Schedule

Every 6 months a check should be carried out by someone who is suitably qualified, on the proper working of the safety devices and service the gate automation devices. Six monthly checks are a British Standard recommendation. Going outside of these guidelines, if their was an problem, would become a legal issue.

Annually it should be ensured that the forces generated by a gate, when meeting a person or an obstacle, are limited and that they do not exceed the values specified in Annex A of BS EN 12453:2001. These forces should be measured in accordance with BS EN 12445:2001 and the performance of the system validated before the gate is put back into use.

Record the work carried out in the log book in accordance with the standard EN 12635

Automatic Powered Doors - Weekly Checks										
	Week Start Date									
Door Check										
Check that the door is activated from a range of approximately 1400mm										
Check that the safety devices are working correctly and that the moving door leaf avoids contact with any person using the door.										
Ensure that there are no distractions or obstructions in the vicinity of the door which may congest or inhibit traffic flow										
Check that the door has no tripping or slipping hazards										
Check that all door panels for broken or cut glass										
Check that all doors have signs displayed at recommended viewing heights										
Check the position and security of associated screens and barriers										
Check that all doors activated by the fire system in 'Fire' mode operate correctly (a requirement of BS 5839)										
<p><u>If a fault is found which affects safe operation of the door, then the door operating equipment must be switched off and the door made safe</u></p>										