

Occupier Weekly Safety Check For Automatic Doors

To ensure continued safe operation of a powered door installation, the installation and its environment should be subjected to systematic operational checks as often as is appropriate to the type of installation and its traffic flow.

Test object

The following test objects should be used.

- a) For presence sensing devices, a cardboard box of approximate dimensions 250 mm x 150 mm x 710 mm high (10 in x 6 in x 28 in high) is a suitable test object.
- b) For motion sensing devices, testing is achieved by the tester approaching the door from several directions in turn

This should be assessed with reference to the Hazard Analysis and Risk Assessment carried out under 4.1.4, see NOTE below, e.g. in high traffic areas such as shops, hospitals and airports, an appropriate rate would be at least once a week using the tests given in Parts 2 .

The test results should be recorded and retained by the building occupier for at least 1 year.

Unless a presence sensing device is used to hold a low energy power operated swing door open, the door should be set to remain fully open for not less than 5 s.

The delay should be adjusted to suit user requirements without compromising safe operation.

For safety reasons it should not be assumed that equipment is working safely. There should be no notice boards, literature racks, merchandise displays, or other distractions or obstructions in the vicinity of the door which may congest or inhibit traffic flow.

If a fault is found which affects safe operation of the door, the door operating equipment should be switched off and the door made safe. Use of the door should not be reinstated until repairs have been undertaken by an authorized technician.

Part 2 Automatic activation devices

Sensor activation

1 Test sensors by walking towards the door opening. The door should start to open when a person is approximately 1400 mm (5 ft) from the door. The door should slide smoothly to the open position and stop without impact.

2 Step out of the activation zone. After a time delay (normally 1s to 5s) the door should close smoothly.

3 Repeat 1 and 2 on the other side of the opening if the door has two-way operation.

General tests

Check that the door area has no tripping or slipping hazards.

Check all door panels for broken or cracked glass.

Check that all doors have signs correctly displayed at recommended viewing heights.

Check the position and security of associated screens and barriers.

Check the operation of manual activation, or remote activation, or emergency stop button if fitted.

Check for distractions and obstructions in the vicinity of the doors.

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