



**The understanding of SS3/1 & SS3/2
by
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dormakaba 

“doorway”

Meaning

- A “Doorway” is an access point between the outside & inside of a building

History

- The “Doorway” is traditionally fitted with a swing or sliding door leaf.



Specified Systems

SS3/1

- An automatic door, is a door that opens automatically, usually on sensing the approach of a person. A person can be detected by microwave pulses, infrared sensors or pressure-sensing pads

SS3/2

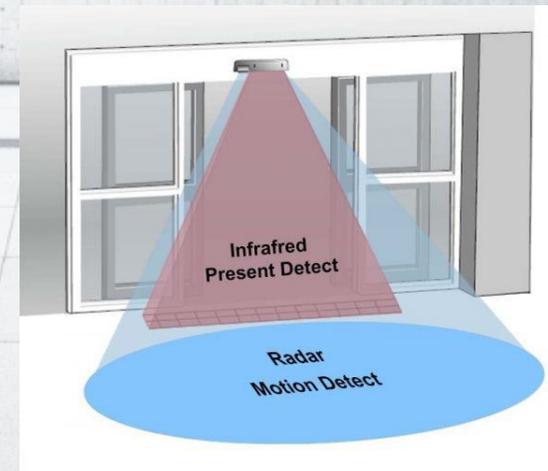
- Egress doors are designed to allow for easy exit of a building during situations that involve emergencies or evacuations.

SS 3.1 - Automatic Doors

Address:			
Building Name:			
Provided by (name):			
No.	Make	Model	Location
1			
2			
3			
4			
5			
6			
Installation Standard:			
<input type="checkbox"/> NZS 4239:1993 <input type="checkbox"/> AS 4085:1992 <input type="checkbox"/> Specifically Designed Alternative Solution (please supply)			
Inspections & Maintenance Standard:			
<input type="checkbox"/> Compliance Schedule Handbook and NZS 4239:1993 <input type="checkbox"/> Compliance Schedule Handbook and AS 4085:1992 <input type="checkbox"/> Specifically Designed Alternative Solution (please supply)			
Buildings Requiring Daily Maintenance:			
<input type="checkbox"/> If ticked daily inspections are required as stated below <input type="checkbox"/> CS Crowd Activity <input type="checkbox"/> CL Crowd Activity <input type="checkbox"/> CO Crowd Activity <input type="checkbox"/> CM Crowd Activity <input type="checkbox"/> Building undergoing building work affecting an auto door			
Frequency:			
<input type="checkbox"/> Daily <input type="checkbox"/> Owner <input type="checkbox"/> Monthly <input type="checkbox"/> Owner <input type="checkbox"/> IQP <input type="checkbox"/> Annually <input type="checkbox"/> IQP			
Inspections & Maintenance:			
Minimum maintenance and testing as specified in Compliance Schedule Handbook, to be performed in conjunction with maintenance required by applicable standard.			
Reporting:			
The owner must keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. The records must be kept with the compliance schedule and as a minimum, include: <ul style="list-style-type: none"> Details of any inspection, test or preventative maintenance carried out. Include dates, work undertaken, faults found, remedies applied, and the person who performed the work. Details of any other faults found or maintenance and repair work undertaken to maintain the system in working order, including dates, work undertaken, faults found, remedies applied and the person who performed the work. A Form 12A provided by an IQP annually. 			
<small>The information above is used to help generate the compliance schedule. If you are unsure how to complete this form, please consult an Independently Qualified Person (IQP) who is registered for the system above.</small>			

SS 3.2 - ACCESS CONTROLLED DOORS

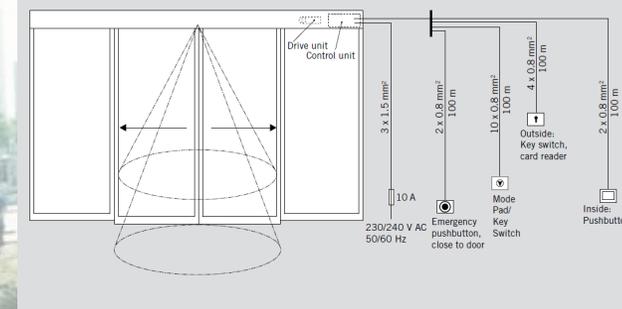
Address:			
Provided by (name):			
Equipment register		Model	Location
No.	Make		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
Performance/Installation Standard:			
<input type="checkbox"/> AS 4085:1992 <input type="checkbox"/> NZS 4239:1993 <input type="checkbox"/> Specifically Designed Alternate Solution			
Inspections & Maintenance Standard:			
<input type="checkbox"/> Comp. Schedule Handbook and AS 4085:1992 <input type="checkbox"/> Comp. Schedule Handbook and NZS 4239:1993 <input type="checkbox"/> Specifically designed solution provide details separately			
As a minimum these inspections and maintenance procedures will be carried out:			
Planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard or document to ensure the system will operate as required.			
Buildings Requiring daily maintenance:			
<input type="checkbox"/> If ticked daily inspections are required as stated below <input type="checkbox"/> CS Purpose group <input type="checkbox"/> CL Purpose group <input type="checkbox"/> CO Purpose group <input type="checkbox"/> CM Purpose group <input type="checkbox"/> Building undergoing Building Work affecting an Access Controlled Door			
Inspection frequency and responsibility:			
<input type="checkbox"/> Daily <input type="checkbox"/> Owner <input type="checkbox"/> IQP <input type="checkbox"/> Monthly <input type="checkbox"/> Owner <input type="checkbox"/> IQP <input type="checkbox"/> Six monthly <input type="checkbox"/> Owner <input type="checkbox"/> IQP			
Inspections & Maintenance:			
Monthly inspections (and Daily if applicable)			



SS3/1 – Automatic Doors (Sliding/ Revolving)

How to recognise an automatic door:

- A drive unit that operates the door – open and close
- Entry and exit Sensors.
- Mode switch(generally located on the inside of the opening).
- EDR located within reasonable visual & in reach of the opening.
- Forms part of the Egress route on the fire report.
- Free egress incase of an emergency



Compliant

What is a compliant Automatic door:

- Unit that has been installed according to the manufacture's specification.
- Unit must be maintained and inspected as per manufactures specification.
- People need to exit the building safely.
- People need to use the doorway safely.

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CLIENT: _____ DATE: _____
BUILDING ADDRESS: _____
JOB LOCATION: _____
JOB MODEL: dormakaba Besam S.O.D C.D.S Other: _____
JOB TYPE: Single Bi-parting Model _____
IP CHECKS: _____ ANNUAL IZA: _____

**PREVENTATIVE MAINTENANCE SERVICE SCHEDULE- NZS-4239 - 1991
(MBIE 2019, CIAS2 Part 3 Doors subdividing escape routes)**

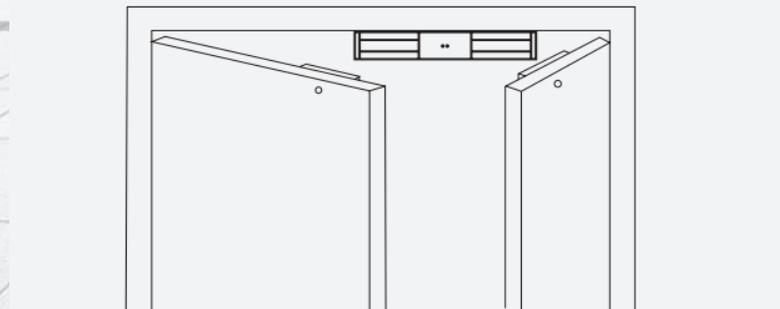
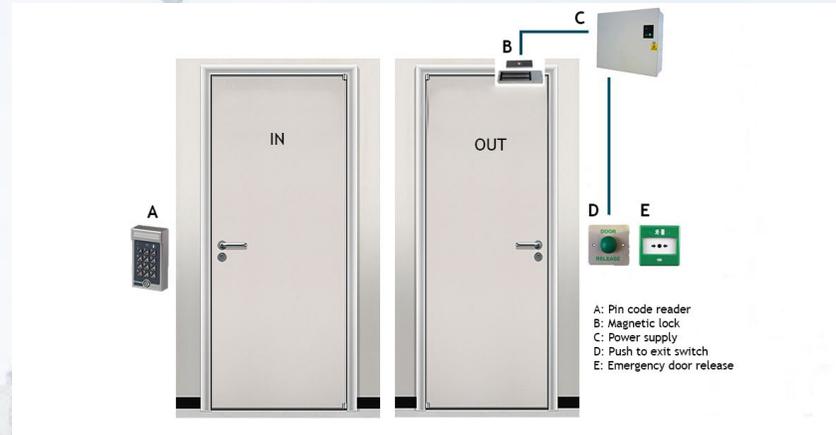
Automatic Door Service Schedule to include the following:	Pass	Fail	N/A
1001 operation of door including controls. (Mode Switches/ push buttons etc.)			
1002 that all Sensors Operate Correctly and have Adequate Range. (Adjust if necessary)			
1003 safety beams operate correctly and clear.			
1004 fullstop operation in both auto and lock.			
1005 that Door is Secure in both Power-On and Power-Off Circumstances (If fitted with Manual lock)			
1006 Emergency Egress Switch Operates Satisfactorily in both Power-On and Power-Off Circumstances (If fitted with electronic lock)			
1007 battery voltage and charging voltage. (Fullstop operation)			
1008 Polinet, clean inside of operator and pulset.			
1009 all wiring for electrical integrity and corrosion. (cable ties and secure)			
1010 and adjust limit switches as required.			
1011 Tracks, Track Rollers and Guides (check for wear in track and slip in wheels)			
1012 doors for alignment and square and condition (glazing rubber, draft seals etc)			
1013 floor guides for wear and fittings are tight.			
1014 all Moving Brackets and fittings. Adjust bolt or chain tension as required.			
1015 condition of glass (inspecting for chips and cracks)			
1016 overall condition of operator (A, B, or wall IP, version 10C, 10D)			



SS3/2 – Egress Control doors (Access control)

How to recognise an Egress Control door but not limited to:

- Has a security measure installed on the door. E.G Mag Lock
- Push button to exit
- EDR located within reasonable visual & in reach of the opening.
- Swipe card, Keypad, proximity sensor access
- Could trap occupants in a building, should it fail to operate as required.



Compliant

What is a compliant egress (access) controlled door:

- Door must open in the direction of the persons exiting.
- People need to exit the building incase of an emergency.





Conclusion

SS3/1

- Door will automatically open and close when approaching the entryway.
- You will only see the auto unit and no extra electronic locking devices.
- The auto door will still be SS3/1 If an additional swipe card is added to open from the outside.
- Connection of the EDR must be directly to the mechanism (not via security first)



SS3/2

- Door will be a manual door.
- There will be an electronic locking device
- Access equipment located on both sides of the opening E.g. Key pad.
- Connection of EDR must be directly to the lock(not via security first).

