

As a guide only the Essential Safety Measures required to be maintained/recorded are as follows (your Occupancy Permit may have the relevant Essential Safety Measures listed).

<b>Essential Safety Measure</b>	<b>BCA provisions for determining standard of performance</b>	<b>Nature and / or frequency of test or inspection</b>
Building elements required to satisfy prescribed fire resistance levels	Section C, D1.12	Annual inspection for damage, deterioration, or unauthorised alteration
Materials and assemblies required to satisfy prescribed fire hazard properties	C1.10	Annual inspection for damage, deterioration, or unauthorised alteration
Elements required to be non-combustible, provide fire protection, compartmentation or separation	C2.5 to C2.14, C3.3, C3.11, D1.7-D1.8, E1.3, G3.4	Annual inspection for damage, deterioration, or unauthorised alteration
Wall-wetting sprinklers (including doors and windows required in conjunction with wall-wetting sprinklers)	C3.4, C3.8, C3.11, D1.7, D1.8, G3.8	As per AS1851-2005 Section 2 if sprinkler system installed or every six months to ensure compliance, no damage or deterioration and water supply availability
Fire doors (including sliding fire doors and their associated warning systems) and associated self-closing, automatic closing and latching mechanisms	C2.12 to C2.13, C3.4 to C3.8, C3.10 to C3.11, D1.7 to D1.8, D1.12	Every three months as per AS1851-2005 Section 17 check operation of handles, closers and electronic strikes
Fire windows (including windows that are automatic or permanently fixed in the closed position)	C3.4, C3.8, C3.11, D1.7 to D1.8	Every six months as per AS1851-2005 Section 17 for damage, deterioration, or unauthorised alteration, BCA (refer appendix E)
Fire shutters	C3.4 to C3.5, D1.7 to D1.8	Every three months as per AS1851-2005 Section 17, annual inspection for damage, deterioration, or unauthorised alteration
Solid core doors and associated self-closing, automatic closing and latching mechanisms	C3.11	Annual inspection for damage, deterioration, and check operation of closers, handles and electronic strikes.
Fire-protection at service penetrations through elements required to be fire-resisting with respect to integrity or insulation, or to have a resistance to the incipient spread of fire	C3.12, C3.13, C3.15	Every six months as per AS1851-2005 Inspection for damage, deterioration, or unauthorised alteration
Fire protection associated with construction joints, spaces and the like in and between building elements required to be fire-resisting with respect to integrity and insulation	C3.16	Every six months as per AS1851-2005 inspection for damage, deterioration, or unauthorised alteration
Smoke doors and associated self-closing, automatic closing and latching mechanisms	Specification C2.5, D2.6	Every three months as per AS1851-2005. Check operation of closers, handles and electronic strikes
Proscenium walls (Fire curtains)	H1.3	Annual inspection for damage, deterioration or unauthorised alteration
Paths of travel to exits	D1.6	Inspection every three months to ensure there are no obstructions and no alterations
Discharge from exits (including paths of travel from open spaces to the public roads to which they are connected)	D1.7, D1.9 to D1.11, D2.12, G4.3, G4.6, G4.7	Inspection every three months to ensure there are no obstructions and no alterations
Exits (including fire-isolated stairways and ramps, non-fire isolated stairways and ramps, stair treads, balustrades and handrails associated with exits, and fire-isolated passageways)	D2.2, D2.3, D2.8 to D2.11, D2.13, D2.16 to D2.17	Inspection every three months to ensure there are no obstructions and no alterations
Smoke lobbies to fire-isolated exits	D1.7, D2.6	Annual inspection for damage, deterioration, or unauthorised alteration
Open access ramps or balconies for fire-isolated exits	D2.5	Annual inspection for damage, deterioration, or unauthorised alteration
Doors (other than fire or smoke doors) in a required exit, forming part of a required exit or in a path of travel to a required exit, and associated self-closing, automatic closing and latching mechanisms	D1.6, D2.19 to D2.21, D2.23	Inspection every three months to ensure doors are intact, operational and fitted with conforming hardware
Exit signs (including direction signs)	Specification D1.12, E4.5, E4.6, E4.8	Every six months to AS2293.2-1995
Signs warning against the use of lifts in the event of fire	E3.3	Annual inspection to ensure the warning sign is in place and legible
Warning signs on sliding fire doors and doors to non-required stairways, ramps and escalators	C3.6, specification D1.12	Annual inspection to ensure the warning sign is in place and legible
Signs, intercommunication systems, or alarm systems on doors of fire-isolated exits stating that re-entry to storey is available	D2.22	Annual inspection to ensure the warning sign is in place and legible
Signs alerting persons that the operation of doors must not be impaired	D2.23	Annual inspection to ensure the warning sign is in place and legible
Signs required on doors, in alpine areas, alerting	G4.3	Annual inspection to ensure the warning sign is in

people that they open inwards		place and legible
Fire order notices required in alpine areas	G4.9	Annual inspection to ensure the warning sign is in place and legible
Emergency lighting	E4.2, E4.4	Every six months to AS/NZS 2293.2-1995
Fire hydrant system (including on-site pump set and fire-service booster connection)	E1.3	Weekly to AS1851-2005 Section 4 where pumps are installed or six monthly to AS1851-2005 Section 4
Fire hose reel system	E1.4	Every six months to AS1851-2005 Section 14
Sprinkler system	E1.5, H1.2, G3.8	Weekly to AS1851-2005 Section 2
Portable fire extinguishers	E1.6	Every six months to AS1851-2005 Section 15.4
Fire control centres (or rooms)	E1.8	Annual inspection to ensure compliance of construction and contents with BCA
Provisions for special hazards	E1.10	Inspection regime to be developed in consultation with designer utilising appropriate Australian Standards, manufacturers specifications etc.
Smoke hazard management systems: <ul style="list-style-type: none"> <li>- Automatic air pressurisation systems for fire isolated exits</li> <li>- Zone smoke control system</li> <li>- Smoke exhaust system automatic smoke and heat vents (including automatic vents for atriums)</li> <li>- Air handling systems that do not form part of a smoke hazard management system and which may unduly contribute to the spread of smoke</li> <li>- Miscellaneous air handling systems covered by Sections 5 and 11 of AS/NZS 1668.1 serving more than one fire compartment</li> </ul>	E2.2	Quarterly and as prescribed in AS1851-2005 Section 18
Carpark mechanical ventilation system	F4.11	Frequency as nominated by manufacturer on label attached to equipment in accordance with AS1851-2005 Section 18
Atrium smoke control system (see above for smoke and heat vents)	Specification G.38	As per AS1851-2005 Section 18
Smoke and heat alarm system	Clause 3 of Specification E2.2a	As prescribed in AS1851-2005 Section 7 Monthly inspection to test operation. Replace battery or unit as necessary.
Smoke and heat detection system	Clause 4 of Specification E2.2a	Monthly as prescribed in AS1851-2005 Section 6
Atrium fire detection and alarm systems	Clause 4 of Specification G3.8	Monthly as prescribed in AS1851-2005 Section 6
Emergency warning and intercommunication system	E4.9 clause 5 of Specification G3.8	Monthly to AS1851-2005 Section 10
Building occupant warning system	Clause 8 of specification E1.5, Clause 6 of specification E2.2a	Monthly as prescribed AS1851-2005 Section 9
Stretcher facilities in lifts	E3.2	Annual inspection to ensure compliance of facilities with BCA
Emergency lifts	E3.4	As per requirements of AS1735. Periodic inspection as per manufacturers specification, however no less than annual inspection
Passenger lift fire service controls	E3.7	Periodic inspection as per manufacturers specification, however no less than annual inspection
Standby power supply system	E3.4, Clause 6 of specification G3.8	Every six months test to ensure auxiliary power is operable. For diesel engines – test as prescribed in AS1851-2005 based on proving electrical load in lieu of flow / pressure for pump sets
Open space around large isolated buildings	C2.3 to C2.4	Annual inspection to ensure that unobstructed access to buildings and fire fighting facilities are maintained
Vehicular access around large isolated buildings	C2.3 to C2.4	Annual inspection to ensure clearance is maintained
Air conditioning systems	BCA E2.2	Quarterly to AS1851-2005, AS3666-1995
Wire balustrading	D2.16	Quarterly test to ensure tension of wires is compliant with Table D2.16a
Termite inspection	B1.4, F1.9, AS3660.1	Six monthly inspection to detect termite activity in accordance with AS3660.1
Construction in bushfire prone areas	G5.2, AS3959	Annual inspection to ensure construction methods are in accordance with AS3959 for bush fire prone areas