

ESSENTIAL SAFETY MEASURES ITEMS



Project
Address: _____

Job Number: _____ Contact Person: _____ Date: _____

STOKES PERNA

Essential Safety Measure	Performance Requirement	Relevant Installation Standard
Air conditioning systems	Quarterly to AS 1851- 20051, AS 3666-1995	AS 1668.2-1991, BCA E2.2
Atrium fire detection and alarm systems	Monthly as prescribed in AS1851 - 2005 Section 6	Clause 4 of Specification G3.8(AS1670.1)
Atrium smoke control system (see above for smoke and heat vents)	As per AS1851 - 2005 Section 18	Specification G3.8
Building elements required to satisfy prescribed fire resistance levels	Annual Inspection for damage, deterioration, or unauthorised alteration	Section C, D1.12
Building occupant warning system	Monthly as prescribed AS 1851 - 2005 Section 9	Clause 8 of Specification E1.5, Clause 6 of Specification E2.2a
Carpark mechanical ventilation system	Frequency as nominated by manufacturer on label attached to equipment in accordance with AS1851 - 2005 Section 18	F4.11
Discharge from exits (including paths of travel from open spaces to the public roads to which they are connected)	Inspection every three months to ensure there are no obstructions and no alterations	D1.7, D1.9 to D1.11, D2.12, G4.3, G4.6, G4.7
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	Inspection every three months to ensure doors are intact, operational and fitted with conforming hardware	D1.6, D2.19 to D2.21, D2.23
Elements required to be noncombustible, provide fire protection, compartmentation or separation	Annual Inspection for damage, deterioration, or unauthorised alteration	C2.5 to C2.14, C3.3, C3.11, D1.7 - D1.8, E1.3, G3.4
Emergency lifts	As Per requirements of AS 1735 Periodic inspection as per manufacturers specification, however no less than annual inspection	E3.4
Emergency lighting	Every six months to AS 2293.2-1995	E4.2, E4.4
Emergency warning and intercommunication system	Monthly to AS 1851 - 2005 Section 10	E4.9 Clause 6 of Specification G3.8
Exit signs (including direction signs)	Every six months to AS 2293.2-1995	D1.12, E4.5, E4.6, E4.8
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)	Inspection every three months to ensure there are no obstructions and no alterations	D2.2 to D2.3, D2.8 to D2.11inc., D2.13, D2.16 to D2.17
Fire control centres (or rooms)	Annual inspection to ensure compliance of construction and contents with BCA	E1.8
Fire doors	Every three months as per AS1851 - 2005 Section 17 check operation of handles, closers and electronic strikes	C2.12 to C2.13, C3.4 to C3.8, C3.10 to C3.11, D1.7 to D1.8, D1.12
Fire hose reel system	Every six months to AS 1851 - 2005 Section 14	E1.4

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	Fire hydrant system (including on-site pump set and fire service booster connection)	Weekly to AS 1851 - 2005 Section 4 where pumps are installed or six monthly to AS1851 - 2005 Section 4	E1.3
	Fire order notices required in alpine areas	Annual inspection to ensure the warning sign is in place and legible	G4.9
	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	Every six months as per AS1851 - 2005 Inspection for damage, deterioration, or unauthorised alteration	C3.16
	Fire shutters	Every three months as per AS1851 - 2005 Section 17, Annual Inspection for damage, deterioration, or unauthorised alteration	C3.4 to C3.5, D1.7 to D1.8 AS 1905.2-1989
	Fire windows (including windows that are automatic or permanently fixed in the closed position)	Every six months as per AS1851 - 2005 Section 17 for damage, deterioration, or unauthorised alteration, BCA (refer appendix E)	C3.4, C3.8, C3.11, D1.7 to D1.8
	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	Every six months as per AS1851 - 2005 Inspection for damage, deterioration, or unauthorised alteration	C3.12, C3.13, C3.15
	Materials and assemblies required to satisfy prescribed fire hazard properties	Annual Inspection for damage, deterioration, or unauthorised alteration	C1.10a
	Open access ramps or balconies for fire-isolated exits	Annual inspection for damage, deterioration, or unauthorised alteration	D2.19 to D2.23
	Open space around large isolated buildings	Annual inspection to ensure that unobstructed access to buildings and fire fighting facilities are maintained	C2.3 to C2.4
	Passenger lift fire service controls	Periodic inspection as per manufacturers specification, however no less than annual inspection.	E3.7
	Paths of travel to exits	Inspection every three months to ensure there are no obstructions and no alterations	D1.6
	Portable fire extinguishers	Every six months to AS 1851-2005 Section 15.4	E1.6
	Proscenium walls (Fire Curtains)	Annual Inspection for damage, deterioration or unauthorised alteration	H1.3
	Provisions for special hazards	Inspection regime to be developed in consultation with designer utilising appropriate Australian standards, manufacturer specifications, etc.	E1.10
	Signs alerting persons that the operation of doors must not be impaired	Annual inspection to ensure the warning sign is in place and legible	D2.23
	Signs required on doors, in alpine areas, alerting people that they open inwards	Annual inspection to ensure the warning sign is in place and legible	G4.3
	Signs warning against the use of lifts in the event of fire	Annual inspection to ensure the warning sign is in place and legible	C3.6, D1.12
	Signs, intercommunication systems, or alarm systems on doors of fire isolated exits stating that re-entry to storey is available	Annual inspection to ensure the warning sign is in place and legible	D2.22
	Smoke and heat alarm system	As prescribed in AS 1851 - 2005 Section 7 Monthly inspection to test operation Replace battery or unit as necessary	Clause 3 of Specification E2.2a

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Smoke and heat detection system	Monthly as prescribed in AS1851 - 2005 Section 6	Clause 4 of Specification E2.2a
Smoke doors and associated self closing, automatic closing and latching mechanisms	Every three months as per AS1851 - 2005. Check operation of closers, handles and electronic strikes	Specification C2.5, D2.6
Smoke hazard management systems: automatic air pressurisation systems for fire isolated exits	Quarterly and as prescribed in AS 1851 - 2005 Section 18	E2.2
Smoke hazard management systems: miscellaneous air handling systems covered by Sections 5 and 11 of AS/NZS 1668.1 serving more than one fire compartment	Quarterly and as prescribed in AS 1851 - 2005 Section 18	E2.2
Smoke hazard management systems: smoke exhaust system automatic smoke and heat vents (including automatic vents for atriums)	Quarterly and as prescribed in AS 1851 - 2005 Section 18	E2.2
Smoke hazard management systems: air handling systems that do not form part of a smoke hazard management system and which may unduly contribute to the spread of smoke	Quarterly and as prescribed in AS 1851 - 2005 Section 18	E2.2
Smoke hazard management systems: one smoke control system	Quarterly and as prescribed in AS 1851 - 2005 Section 18	E2.2
Smoke lobbies to fire-isolated exits	Annual inspection for damage, deterioration, or unauthorised alteration	D1.7, D2.6
Solid core doors and associated self-closing, automatic closing and latching mechanisms	Annual Inspection for damage, deterioration, and check operation of closers, handles and electronic strikes.	C3.11
Sprinkler system	Weekly to AS 1851 - 2005 Section 21	E1.5, H1.2, G3.8
Standby power supply system	Every six months test to ensure auxiliary power is operable. For diesel engines - test as prescribed in AS 1851 - 2005 based on proving electrical load in lieu of flow/pressure for pump sets	E3.4, Clause 6 of Specification G3.8
Stretcher facilities in lifts	Annual inspection to ensure compliance of facilities with BCA	E3.2
Vehicular access around large isolated buildings	Annual inspection to ensure clearance is maintained	C2.3 to C2.4
Wall-wetting sprinklers (including doors and windows required in conjunction with wall-wetting sprinklers)	As per AS 1851-2005 Section 2 if Sprinkler system installed or every six months to ensure compliance, no damage or deterioration and water supply availability.	C3.4, C3.8, C3.11, D1.7, D1.8, G3.8
Warning signs on sliding fire doors and doors to non-required stairways, ramps and escalators	Annual inspection to ensure the warning sign is in place and legible	D2.2 to D2.3, D2.8 to D2.11inc., D2.13, D2.16 to D2.17