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| --- |
| Installation Certification: |
| e.g. fire hydrent system  |

**Issued under Clause A5.1 & A5.2 of the Building Code of Australia (2019), Volume 1**

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| --- | --- |
| **PROJECT ADDRESS:** |       |
| **Project Description:** |       |
| I, |       | of |       |
|  | *(Name)* |  | *(Company)* |
|       |
| *(Address)* |
| **Qualifications** **& Experience:** |  |
| License Number: |       |
| **Phone Numbers:** | Bus: |       | Fax: |       | Mob: |       |

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| **Hereby certify:** |
| That the building components/measures listed below, relating to the abovementioned project have been installed, commissioned and comply with the standards of performance identified below:

|  |  |
| --- | --- |
| **Building Component** | **Standard of Performance** |
| Fire Hydrant System | BCA 2019 Amdt 1, C2.12 (separation of fire pumps), E1.3, Spec E1.5a, & AS 2419.1-2005 Amdt 1 & Fire Engineering Report No………… |
| Refer to page 2-11 for more info. |  |
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| --- |
| Exclusions: [ ]  YES/ [x]  NOIf yes, specify:      |
| Signature: |  | **Date:**  | Click or tap to enter a date. |

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| **Schedule A – Plans certified / relied upon**  |
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| **Schedule B – Design Certification relied upon**  |
| Including commissioning test report for pressures, pumps and Storz couplings. |
|  |
|  |

**Select applicable measures, standards and BCA clauses from the tables below:**

**Certification Template for Fire Safety Measures:**

| **ITEM** | **MEASURE** | **STANDARD OF PERFORMANCE** | **CERTIFICATION BY** | **STATUS** |
| --- | --- | --- | --- | --- |
|  |  |
| **Statutory Fire Safety Measures** |  |
|  | Access panels, doors and hoppers to fire resisting shafts | BCA 2019 Amdt 1 C3.13, AS 1905.1-2015 & AS 1905.2-2005 | Installer |  |
|  | Automatic fail-safe devices | BCA 2019 Amdt 1 C3.4 & Spec. 3.4 (fire windows, fire shutters), C3.6 (sliding fire doors); Spec C3.4 (automatic smoke doors), D2.19c (power operated door), D2.21 (b)(iv) (auto unlock of doors); D2.22 (re-entry from fire stairs) & AS1670.1-2018 | Dry fire contractor/Electrical contractor |  |
|  | Automatic fire detection and alarm system *(smoke detection system)* | BCA 2019 Amdt 1 E2.2, Spec E2.2a Clause 3 (smoke alarm system) or Clause 4 (smoke detection system) or Clause 5 (combination smoke alarm & smoke detection); Clause 6 (smoke detection for smoke control systems), AS 1670.1-2018 *(note Class 9a also requires manual call points, Class 9c requires manual call points and mimic panels)* (Including Commissioning test report) | Dry fire contractor/Electrical contractor |  |
|  | Automatic fire detection and alarm system *(smoke alarm system)* | BCA 2019 Amdt 1 E2.2, Specification E2.2a and AS 3786 – 2014 Amdt 1 and 2 | Dry fire contractor/Electrical contractor |  |
|  | Automatic fire suppression systems *(Sprinklers)* | BCA 2019 Amdt 1 C2.3, E1.5, Spec E1.5 & AS 2118.1-2017 Amdt 1 (Including Commissioning test report) | Wet fire contractor |  |
|  | Automatic fire suppression systems *(Residential apartment building)* | BCA 2019 Amdt 1 E1.5, Spec E1.5, Spec E1.5a & AS 2118.1-2017 Amdt 1 or AS 2118.4-2012 or FPAA101D-2018 or FPAA101H02018 (Including Commissioning test report) | Wet fire contractor |  |
|  | Automatic fire suppression systems *(Combined sprinkler and hydrant system)* | BCA 2019 Amdt 1 E1.5, Spec E1.5 & AS 2118.6 – 2012(Including Commissioning test report) | Wet fire contractor |  |
|  | Building occupant warning system | BCA 2019 Amdt 1 Spec E2.2a (Clause 7), Spec 2.2d (residential care building), AS1670.1-2018 (Clause 3.22) & AS 1670.3-2018 (residential care building) (Including Commissioning test report) | Dry fire contractor/Electrical contractor |  |
| 1. aa
 | Electric mains installation | Main switchboard location, circuit protection and separate sub-main provided to POPE area as required by BCA 2019 Amdt 1, Clause NSW H101.19 | Installer |  |
|  | Emergency Lifts | BCA 2019 Amdt 1 E3.4, E3.7, E3.8(class 9c), E3.9, E3.10 & Spec E3.1 | Electrical contractor |  |
|  | Emergency lighting | BCA 2019 Amdt 1 E4.2, E4.4, Spec E1.3, E1.8, Spec E1.8 (Clause 12) (Emergency lighting for fire control room) & AS 2293.1–2018 | Electrical contractor |  |
|  | Emergency warning and intercom system | BCA 2019 Amdt 1 E4.9, Spec. G3.8 & AS 1670.4-2018 | Dry fire contractor/Electrical contractor |  |
|  | Exit and directional signage | BCA 2019 Amdt 1 E4.5, (NSW E4.6), E4.8, Spec E4.8 (photoluminescent exit signs) & AS 2293.1-2018 | Electrical contractor |  |
|  | Fire alarm monitoring system | BCA 2019 Amdt 1 E2.2, Spec E1.5, Spec E2.2a (Clause 8), Spec E2.2d (Residential care), & AS 1670.3-2018 | Dry fire contractor/Electrical contractor |  |
|  | Fire control centres and rooms | BCA 2019 Amdt 1 E1.8 & Spec E1.8 | Builder |  |
|  | Fire dampers | BCA 2019 Amdt 1 C3.12, C3.15 & AS/NZS 1668.1-2015 Amdt 1, (AS 1682.1-2015 and AS 1682.2-2015) | Mechanical Contractor |  |
|  | Fire doors | BCA 2019 Amdt 1 C2.12 (separation of equipment); C2.13 (electricity supply systems), C3.3 (separation of external walls & associated openings in fire compartments), C3.4, Spec C3.4, C3.5 (doorways & fire walls), C3.6 (sliding fire doors), C3.8 (openings in fire isolated exits), C3.11 (bounding construction), Clause NSW C3.11(d) (Class 3 residential care building), C3.13 (openings in shafts), D2.8 (enclosure of space under stairs and ramps) & AS 1905.1–2015 Amdt 1 | Contractor |  |
|  | Hose reel systems | BCA 2019 Amdt 1 E1.4 & AS 2441-2005 Amdt 1 (Including Commissioning test report) | Wet fire contractor/plumber |  |
|  | Fire hydrant system | BCA 2019 Amdt 1 Clause E1.3 and AS 2419.1 – 2005(Including Commissioning test report for pressures, pumps and Storz couplings) | Wet fire contractor/plumber |  |
|  | Fire seals protecting openings in fire resisting components of the building- Joints, gaps and miscellaneous penetrations; | BCA 2019 Amdt 1 Clause C3.15, C3.16 and AS 1530.4-2014 and AS 4072.1-2005 and installed in accordance with the tested prototype | Builder or specialist sub-contractor  |  |
|  | Fire seals protecting openings in fire resisting components of the building- Plumbing penetrations | BCA 2019 Amdt 1 Clause C3.15, Spec C3.15 and AS 1530.4-2014 and AS 4072.1-2005 and installed in accordance with the tested prototype | Plumber  |  |
|  | Fire seals protecting openings in fire resisting components of the building- Electrical penetrations | BCA 2019 Amdt 1 Clause C3.15, Spec C3.15 and AS 1530.4-2014 and AS 4072.1 and installed in accordance with the tested prototype | Electrician or specialist sub-contractor  |  |
|  | Fire shutters | BCA 2019 Amdt 1 Clause C3.4, C3.5, Spec C3.4, AS 1905.2-2005 & test reports | Contractor |  |
|  | Fire windows (including frames) | BCA 2019 Amdt 1 C3.4, Spec C3.4 & Test reports | Contractor |  |
|  | Lightweight construction (fire rated) | BCA 2019 Amdt 1 C1.8 & Spec C1.8 and manufacture’s specification | Contractor |  |
|  | Mechanical air handling system *(automatic shutdown of air-handling system)* | BCA 2019 Amdt 1 Clause E2.2, NSW Table E2.2b and AS/NZ 1668.1-2015 Amdt 1 | Mechanical Contractor |  |
|  | Mechanical air handling system *(air-handling system design to operate as a smoke control system)* | BCA 2019 Amdt 1 Clause E2.2 and AS/NZ 1668.1-2015 Amdt 1(Including Commissioning test report) | Mechanical Contractor |  |
|  | Mechanical air handling system *(automatic air pressurisation system)* | BCA 2019 Amdt 1 E2.2, Table E2.2a, Spec E2.2a, AS/NZS 1668.1-2015 Amdt 1 (Including Commissioning test report) | Mechanical Contractor |  |
|  | Mechanical air handling system *(zone smoke control system)* | BCA 2019 Amdt 1 Clause E2.2 and AS/NZ 1668.1-2015 Amdt 1(Including Commissioning test report) | Mechanical Contractor |  |
|  | Mechanical air handling system *(carpark mechanical ventilation system)* | Class 7a (carpark building mechanical ventilation systems) BCA 2019 Amdt 1, E2.2, Table E2.2a & AS/NZS 1668.1-2015 Amdt 1, AS1668.2-2012 Amdt 1 and 2, (clause 5.5 car park exhaust operation) | Mechanical Contractor |  |
|  | Mechanical air handling system *(automatic smoke exhaust system)* | BCA 2019 Amdt 1 Specification E2.2b(Including Commissioning test report) | Mechanical Contractor |  |
|  | Openings in fire-isolated lift shafts | BCA 2019 Amdt 1 C3.10 & AS 1735.11-1986 | Lift Contractor |  |
|  | Perimeter vehicle access for emergency vehicles | BCA 2019 Amdt 1 C2.4 | Builder |  |
|  | Portable fire extinguishers | BCA 2019 Amdt 1 E1.6 & AS 2444-2001 | Contractor |  |
|  | Power operated exit doors | BCA 2019 Amdt 1 D2.19, D2.21 | Contractor |  |
|  | Safety curtains in proscenium openings | BCA 2019 Amdt 1 NSW H101.10 | Contractor |  |
|  | Smoke and heat vents | BCA 2019 Amdt 1 E2.2 & Spec E2.2c, Spec G3.8, NSW H101.22, AS 2665-2001 | Contractor |  |
|  | Smoke dampers | BCA 2019 Amdt 1 E2.2, AS/NZS 1668.1-2015 Amdt 1, AS 1682.1-2015, AS 1682.2-2015 & Spec C2.5 (class 9a & 9c), Spec G3.8 | Mechanical Contractor |  |
|  | Smoke detectors and heat detectors  | BCA 2019 Amdt 1 Spec 3.4, C3.5 (for automatic fire doors in fire walls), C3.6; C3.7 (automatic fire doors in horizontal exits), C3.8 (automatic fire doors to fire isolated exits), C3.11 (automatic closing doors in bounding construction), Clause NSW C3.11d Class 3 residential age care; Spec C3.4 (automatic closing smoke doors), D2.21, E2.2, Spec E2.2a, Spec E2.2b, Spec 2.2d, E2.3 & AS 1670.1-2018 | Dry fire contractor/Electrical contractor |  |
|  | Smoke doors | BCA 2019 Amdt 1 C2.5, D2.6 (smoke lobbies), C2.14, Spec C2.5 & Spec C3.4 and AS 1288 – 2006 | Contractor |  |
|  | Solid core doors | BCA 2019 Amdt 1 C3.11, NSW C3.11(d) | Contractor |  |
|  | Standby power systems | BCA 2019 Amdt 1 Clause 6 of Specification G3.8 | Dry fire contractor/Electrical contractor |  |
|  | Wall wetting sprinkler and drencher systems | BCA 2019 Amdt 1 C3.4, C3.11, D1.7, D1.8, Spec G3.8, AS 2118.1 – 2017 Amdt 1, AS2118.2-2010 (Including Commissioning test report) | Wet fire contractor/plumber |  |
|  | Warning and operational signs | BCA 2019 Amdt 1 C3.6, D1.17, E3.3, D2.22, D2.23, D3.6 & Spec E1.8 & Clause 183 of the Environmental Planning and Assessment Regulation 2000 | Contractor |  |
| **Alternative Solution & Other Fire Safety Measures** |  |  |
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**Certification Template for Building Elements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **MEASURE** | **STANDARD OF PERFORMANCE** |  |
| **CERTIFICATION BY** | **STATUS** |
| **Other Measures** |
| 1. 1
 | Structure Structure - Post tension slabs | BCA 2019 Amdt 1 Part B1 including:**Imposed Actions/Loads:*** AS/NZS 1170.0-2002 Amdt 1, 3 & 4 (general principles)
* AS/NZS 1170.1-2002 Amdt 1 & 2 (permanent & other actions)
* AS/NZS 1170.2-2011 Amdt 1, 2, 3, 4 & 5, (wind actions)
* AS/NZS 1170.3-2003 Amdt 1 & 2 (snow & ice actions)
* AS 1170.4-2007 Amdt 1 & 2 (earthquake action)

**Structural Resistance of Materials & Forms of Construction:*** AS 3600-2018 Amdt 1(concrete construction)
* AS3700-2018 (masonry)
* ASAS4100-1998 Amdt 1 (steel structures)
* AS/NZS 4600-2018 (cold form steel structures)
* Residential & low-rise steel framing NASH Standard Part 1 2005 Amdt A, B & C or Part 2 2014 Amdt A
* AS2327.1-2017 (composite steel & concrete)
* AS/NZS 1664.1-1997 Amdt 1 or AS/NZS 1664.2-1997 Amdt 1. (aluminium construction)
* AS 1720.1-2010 Amdt 1, 2 & 3, (design of timber structures)
* AS 1684.2-2010 Amdt 1 & 2, AS 1684.3-2010 Amdt 1 or AS 1684.4-2010 Amdt 1(timber structures)
* BCA 2019 Amdt 1 Part B1 & AS 2159–2009 Amdt 1. (Piling)
* AS 5146.1-2015 Amdt 1, (Structure - Autoclaved aerated concrete or AFS wall systems)
* FRL of Structural elements: BCA 2019 Amdt 1 Spec C1.1 as applicable to Type A / B / C construction & Schedule 5 of the BCA

**Concrete external walls*** BCA 2019 Amdt 1 Specification C1.11

**Balustrades**Clause 4.7.1 AS1170.1-2002 | Structural Engineer |  |
|  | Glazing  | **Glazing in external walls*** BCA 2019 Amdt 1 Clause F1.13
* AS2047-2014 Amdt 1, &2 and BCA Section J Report No.., prepared by...
* A manufacturers certificate for the glazing assemblies shall be provided identifying the manufacturer’s identification, the serviceability limit state wind pressure, the ultimate limit state wind pressure and the water penetration resistance in accordance with AS 2407-2014 (Clause 8.3).
* A photograph showing a typical example of the glazing assembly identification labelled attached to the window in accordance with AS 2047-2014 (Clause 8.2).
* An installation certificate verifying that window head, sill flashing and weepholes have been provided in accordance with BCA 2019 Amdt 1, FP1.4, AS 2047-2014 (Clause 7.2.2) & AS/NZS 2904-1995 or AS 4773.2-2015 as relevant.
* The glazing assemblies have been installed to achieve compliance with thermal and structural movement in accordance with AS 2407-2014 (Part 7.3).

**Other Glazing** * AS1288-2006 Amdt 1, 2 & **3** (including bi-fold doors, revolving doors, skylights, shopfront doors & one-off doors, shower screens, windows, doors)
 | Glazing contractor |  |
|  | Glass shower screens | AS 1288-2006 Amdt 1, 2 & **3** | Glazing contractor |  |
|  | Glass barriers | AS 1288-2006 Amdt 1, 2 & **3** and AS/NZS 1170.0-2002 Amdt 1, 3 & **4,** AS/NZS 1170.1-2002 Amdt 1, & **2.** | Glazing contractor |  |
|  | External wall cladding | BCA 2019 Amdt 1 Clause A5.7, SA TS 5344-labelling, C1.9Copy of test report for cladding material | Contractor |  |
|  | Termite Risk Management (Where Primary Building Elements are constructed of timber) | BCA 2019 Amdt 1 Clause B1.4* A chemical or other physical termite resistant barrier complying with AS3660.1-2014 Amdt 1

or* timber is natural termite resistant in accordance with AS3660.1-2014 Amdt 1

or * timber has been preservative treated to be termite resistant used in accordance with AS3660.1-2014 Amdt 1
 | Contractor |  |
|  | Roof construction and covering | BCA 2019 Amdt 1 Clauses B1.4 and F1.5* AS/NZS 1562.3-1996 & AS4256.1-1994, 2-1994,3-1994, & 5-1996 (plastic roofing)
* AS2049-2002 Amdt 1 & AS2050-2018 (roof tiling)
* AS/NZS 2908.1-2000 with safety mesh installed in accordance with AS/NZS 1562.3-1996 (Corrugated cement sheets)
* AS1562.1-2018 (Metal roofing)
 | Roofing contractor |  |
| 1. 2a
 | Fire resisting construction – Reinforced Concrete | BCA 2019 Amdt 1 Part C2, AS 1170.1-2002, AS 1170.2-2011, AS 1170.4-2007Amdt 1 & 2, AS 3600-2018Amdt 1, AS 3700-2018, AS 4100-1998Amdt 1, installed in accordance with a tested prototype to the scheduled Architects drawings. | Structural Engineer |  |
| 1. 2b
 | Fire resisting construction - Masonry | BCA 2019 Amdt 1 Part C2 and in accordance with the manufacturer’s specification | Installer  |  |
| 1. 2c
 | Fire resisting construction – Lightweight construction  | BCA 2019 Amdt 1 Part C2, Spec C1.1 relevant to Type A, B, C construction and In accordance with the manufacturers specification.All joints appropriated sealed with a fire rated sealant and the walls have been installed in accordance with the manufacturer’s requirements. | Installer  |  |
| 1. 2d
 | Fire resisting construction – Plasterboard  | BCA 2019 Amdt 1 Part C2 and in accordance with the manufacturer’s specification | Installer  |  |
| 1. 3
 | Fire hazard properties | BCA 2019 Amdt 1 Specification C1.10 and A2.4 (Attach fire test reports for materials and linings) | Builder |  |
| 1. 4
 | Smoke proof walls | BCA 2019 Amdt 1 NSW Clause C2.5 and Clause C2.14 and Specification C2.5 | Contractor |  |
|  | Sliding / power operated doors | BCA 2019 Amdt 1 Clause D2.19 Doors are capable of being openable manual under a force of not more than 110N | Contractor |  |
| 1. 7
 | Fixed platforms, walkways, stairways, and ladders | BCA 2019Amdt 1 D1.16 & D2.18 and AS 1657-2013.and Work Cover Authority requirements | Installer |  |
|  | Wire balustrades  | BCA 2019Amdt 1 D2.16; tension measured by strain indicator is in accordance with values in Table D2.16a or must not exceed deflections in Table D2.16c & compliant continuous vertical wire systems | Contractor |  |
| 1. 8
 | Assess for people with disabilities | **Access into and within the building**BCA 2019 Amdt 1 Part D3 and AS1428.1-2000**Carparking**BCA 2019 Amdt 1 Clause D3.5 and AS/NZS 2890.6-2009**Braille and tactile signage**BCA 2019 Amdt 1 Clause D3.6, Specification D3.6 and AS1428.1-2009**Tactile ground indicators**BCA 2019 Amdt 1 Clause D3.8 and AS1428.4.1-2009**Sanitary facilities**BCA 2019 Amdt 1 Clause F2.4 and AS1428.1-2009**Facilities within lifts**BCA 2019 Amdt 1 Clause E3.6 and AS1735.12-1999**Adaptable units**XX adaptable units have been installed in accordance with AS 4299-1995. | Access consultant |  |
| 1. 9
 | Hearing augmentation | BCA 2019Amdt 1 D3.7 and AS 1428.1-2009 Amdt 1 & 2 | Electrical contractor |  |
|  | Lifts | BCA 2019 Amdt 1 E3.1 (lift installations); E3.2 (stretcher facility in lifts); E3.6 (passenger lifts); E3.7 (fire service controls); E3.9 (fire service recall control switch); E3.10 (lift car fire service drive control switch); AS 1735.12-1999. | Installer  |  |
| 1. 10
 | Waterproofing of wet areas | BCA 2019Amdt 1 F1.7 & AS 3740-2010 Amdt 1 | Contractor |  |
|  | External waterproofing | BCA 2019Amdt 1 F1.4 & AS4654.1 and 2-2012 | Contractor |  |
|  | Sarking type materials used for weatherproofing of roofs & wall | BCA 2019 Amdt 1 F1.6 and AS/NZS 4200.1-2017, AS/NZS 4200.2-2017 | Roofing contractor |  |
| 1. 11
 | Damp proof course | BCA 2019Amdt 1 F1.9, AS/NZS 2904-1995 Amdt 1 & 2, or AS 3660.1-2014 Amdt 1 (impervious termite shields) | Builder |  |
|  | Damp-proofing of floors on ground | BCA 2019 Amdt 1 F1.10 & AS 2870-2011 | Builder |  |
|  | Sanitary plumbing and drainage | AS/NZS 3500.2-2018 | Hydraulic contractor |  |
| 1. 12
 | Stormwater drainage  | BCA 2019 Amdt 1 Clause F1.1 and AS/NZS 3500.3-2018 and Council requirements, *(add DA conditions)* | Hydraulic contractor |  |
|  | Gas Supply | Gas Supply License certification of inspection | Hydraulic contractor |  |
| 1. 13
 | Artificial lighting (general) | BCA 2019 Amdt 1 Clause F4.4 and AS 1680.0-2009  | Electrical Contractor |  |
|  | Electrical installation | AS/NZS3000-2018 | Electrical Contractor |  |
|  | Insulation, reflective insulation, bulk insulation | BCA 2019Amdt 1 J1.2 and AS/NZS 4859.1-2018 | Builder or installer |  |
|  | Building fabric & sealing energy efficiency - Roof and ceiling construction | BCA 2019Amdt 1 J1.3 & J3.6 | Builder, or energy consultant |  |
|  | Building fabric & building sealing energy efficiency - roof lights | BCA 2019Amdt 1 J1.4 & J3.3 | Installer or energy consultant |  |
|  | Building fabric energy efficiency - walls | BCA 2019Amdt 1 J1.5 & J3.6 | Installer or energy consultant |  |
|  | Energy efficiency – External glazing | BCA 2019Amdt 1 J1.5, Spec J1.5a and U-Values and SHGC of glazing to support a completed glazing calculator. JV3 Performance Solution Report XXXXXX Ref XXXX Rev XXXX dated XXXXX. | Glazing contractor |  |
|  | Building fabric energy efficiency - floors | BCA 2019Amdt 1 J1.6 & J3.6 | Installer or energy consultant |  |
|  | Building sealing (Energy Efficiency) – Chimneys and Flues | BCA 2019Amdt 1 J3.2 | Installer or energy consultant |  |
|  | Building sealing (Energy Efficiency) – Windows and doors | BCA 2019Amdt 1 J3.4 | Installer or energy consultant |  |
|  | Heated water supply- Energy Efficiency | BCA 2019Amdt 1 J7.2 & Part B2 of NCC Volume 3 – Plumbing Code of Australia | Installer, or energy consultant |  |
|  | Energy efficiency – Air-conditioning and ventilation systems | BCA 2019 Amdt 1 Part J5 | Mechanical engineer |  |
|  | Energy efficiency - Artificial lighting and power | BCA 2019 Amdt 1 Part J6 | Electrical contractor |  |
| 1. r
 | Facilities for energy monitoring | BCA 2019 Amdt 1 Clause J8.3 | Electrical contractor |  |
| 1. 16
 | Mechanical ventilation (general) | BCA 2019 Amdt 1 Clause NSWF4.5(b) and AS 1668.2-2012 Amdt 1 & 2 | Mechanical Contractor |  |
| 1. 17
 | Commercial kitchen exhaust | BCA 2019 Amdt 1 Clause F4.12, AS/NZS 1668.1-2015 and AS 1668.2-2012 Amdt 1 & 2 | Mechanical Contractor |  |
| 1. 18
 | Acoustic Engineer Certification | BCA 2019 Amdt 1 Part F5, Specification F5.2 and Specification F5.5, & ISO 717.1Floors, walls, doorways, services & pumps comply with:* Floors achieve a Rw + Ctr airborne rating not less than 50 and an Ln,w impact rating not more than 62.
* Walls achieve a Rw + Ctr airborne rating not less than 50 and discontinuous where it separates a bathroom, sanitary compartment, laundry or kitchen in one SOU from a habitable room (other than kitchen) in an adjoining SOU, of walls separating SOU and plantrooms or lift shafts.
* Entry doors of SOU’s achieve a Rw not less than 30.
* Services protected with construction achieving a Rw + Ctr (airborne) rating not less than 40 of 25 if adjacent rooms are a kitchen or non-habitable room.
 | Acoustic Engineer to provide a test report |  |
| 1. 19
 | Pool and Spa water reticulation and filtration system  | BCA 2019 Amdt 1 Part NSWG1.1 and AS 1926.3-2010 Amdt 1 | Supplier/ installer |  |
| 1. 20
 | Final Survey  | RL’s of landscaping, floors and roofs | Surveyor |  |
|  | Slip Resistance | BCA 2019Amdt 1 Table D2.14. AS4586-2013Amdt 1 (Attach test reports) | Installer |  |
|  | Food premises fit out | Food Act and Regulations 2003National Code for the Construction & Fitout of Food Premises, AS 4674-2004Council policies. | Food & Beverage Consultant/Contract |  |
|  | Carparking | AS/NZS2890.1-2004 | Traffic Engineer |  |
|  | BASIX | Confirmation from the individual contractors confirming that the installation complies with the BASIX Certificate No…requirements.Where applicable from:Electrical contractorGlazing contractor Insulation installerMechanical contractorPlumbing contractor | Installers |  |