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| **IMG05 Web House.gif Waikato Building Consents** | | | | | | | | | |
| **Compliance Schedule Details:**  **SS 9 – Mechanical Ventilation or Air Conditioning Systems** | | | | | | | | | |
| **Please provide the following information with your Building Consent Application - Form 2**  (*If you need help to complete this form, consult the system provider or an IQP who is registered for the system above)* | | | | | | | | | |
| Applicant Name: ……………………………………..……..…  Site Address: ……………………………………….…………  ………………………………………………………………..…  Existing Compliance Schedule Number(s): *(if applicable)* …………………………………..............................................  ………………………………….............................................. | | | | | | | Building Name: …………………………………..…………… Installation provider:*(if known)* ………………………………  …………………………………..............................................  Risk / Purpose group: …………………………….…………..  Fire Hazard Category: ……………………….……………….  Total Occupant Load: ……………………….……………….. | | |
| **SPECIFIED SYSTEM DESCRIPTION** (address those items that apply) | | | | | | | | | |
| **Specified systems:** | | | | £ Existing £ New £ Modified £ Removed | | | | | |
| **Type:** | | £ Toilet extract system servicing multiple facilities  £ Ducted ventilation or air conditioning system  £ Spray booth ventilation system where the booth forms all or part of the building  £ Air-handling system that maintains a differential air pressure in a hospital operating theatre, medical isolation room, quarantine facility or pharmaceutical manufacturing plant  £ Cooling-water system incorporating one or more cooling towers or evaporative condensers  £ Air-handling system required to function in smoke management or smoke clearance mode during a fire  £ System incorporating one or more solid liquid or gas-fired boilers  £ System containing one or more electric heating elements mounted in air handling units or ducts located outside the occupied space  £ Split air conditioning unit that introduces fresh air into the building  £ Dust extract system in a building that is not part of the building  £ Other: [specify] ……………………………………………………. | | | | | | | |
| **Location Plan for specified systems and records is attached**: £ YES £ NO | | | | | | | | | |
| **No.** | **Equipment location** | | | | | **Make** *(Main components)* | | | **Model** |
| 1 |  | | | | |  | | |  |
| 2 |  | | | | |  | | |  |
| 3 |  | | | | |  | | |  |
| 4 |  | | | | |  | | |  |
|  | *If needed continue the list on another sheet of paper* | | | | | | | | |
| **STANDARDS (**address those items that apply) | | | | | | | | | |
| Specifically, designed solutions do not apply if the system has been installed against a specific Standard(s) / document. | | | | | | | | | |
| **Performance / installation:** | | | £ NZS 4303:1990 Ventilation for acceptable indoor air quality.  £ AS 1668:2012 The use of ventilation and air-conditioning in buildings.  Part 2: Ventilation design for indoor-air contamination control.  £ AS 1668:2002 The use of ventilation and air-conditioning in buildings.  Part 2: Ventilation design for indoor-air contamination control. Amendment 1 and 2  £ AS/NZS 1668:2015 The use of ventilation and air-conditioning in buildings.  Part 1: Fire and smoke control in buildings  £ AS/NZS 1668.1:1998 The use of ventilation and air conditioning in buildings. Fire and smoke control in multi-compartment buildings  £ AS/NZS 3666:2011 Air-handling and water systems of buildings.  Part 1: Microbial Control - Design, installation and commissioning  Part 2: Microbial Control - Operation and maintenance  £ AS/NZS 4740:2000 (R2016) Natural ventilaters - classification and performance.  £ AS/NZS 3823:2012 Performance of electrical appliances – Air-conditioners and heat pumps.  £ AS/NZS 4114:2003 Spray painting booths, designated spray-painting areas and paint mixing rooms  Part 1: Design, construction and testing.  Part 2: Installation and maintenance.  £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided)    £ Other: ………………………….  *Continue on the next page* | | | | | | |
| **Inspections and Maintenance:**  *Systems Hygiene* | | | £ AS/NZS 3666.2:2011  £ AS/NZS 1668.1:2015  £ AS/NZS 4740:2000  £ AS/NZS 4114:2003 – Part 2  £ AS/NZS 3823.1.2:2012  £ Other: ……………………………………… | | | | | £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided) | |
| *Chemical control* | | | £ AS/NZS 3666.3:2011 -Table 3.2  £ AS/NZS366.4:2011  £ Other: ……………………………………… | | | | | £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided) | |
| *Fire and*  *Smoke*  *Control* | | | £ AS 1851:2012 – Section 13  £ AS 1851-2012/Amdt 1-2016  £ AS 1851:2005  £ AS 1851-2005/Amdt 1-2006  £ AS 1851-2005/Amdt 2-2008  £ Other: ………………………………………. | | | | | £ Specifically, designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. (Details provided) | |
| **INSPECTIONS, MAINTENANCE AND REPORTING** (address those items that apply) | | | | | | | | | |
| **Minimum inspection and maintenance procedures:** | | | | | Regular inspection and planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard/document to ensure effective operation and preservation of any inbuilt safety features. | | | | |
| **Inspection frequency and responsibility:** | | | | | Depending on the type of installation and its performance standard/document:  £ Specifically, designed solutions: by IQP only  £ Standard /other document:  £ Weekly: by IQP  £ Monthly: by IQP  £ Annually: by IQP | | | | |
| **Inspections & Maintenance:**  *Weekly/*  *Monthly Inspections* | | | | | In addition to the maintenance required by the applicable standard selected, particular attention will be given to systems incorporating cooling towers or evaporative condensers, in case organisms such as *Legionella* are present. | | | | |
| *Monthly/*  *Annual Inspections* | | | | | Monthly and annual inspections will be carried out as per the applicable standard / document selected. However, where appropriate any additional inspections or maintenance activities required to ensure that a system continues to operate properly will be included with inspection and maintenance procedures. | | | | |
| *Chemical Control* | | | | | £ For cooling towers and evaporative condensers with automatic chemical dosing:  Bacteriological tests: Compliance Schedule Handbook, Table 1, Pg 40  £ For cooling towers and evaporative condensers without automatic chemical dosing:  Weekly dip-slide tests. If dip-slide tests have a result greater than 10^5 cfu / ml,  control strategies in AS/NZS 3666.3 Table 3.2 must be implemented. | | | | |
| **Reporting:** | | | | | The owner will keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. These will be recorded in the On-Site Log Book, which will remain on the premises with the most recent compliance schedule, and as a minimum include:   * Details of any inspection, test or preventative maintenance carried out, including dates, works undertaken, faults found, remedies applied and the person who performed the work. * Form 12A provided annually by the IQP. | | | | |