|  |
| --- |
| **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.

  |