

## SS 2.1 - SECURITY SYSTEM WITH SMOKE DETECTORS

|   |  |                 |                                     |                           |
|---|--|-----------------|-------------------------------------|---------------------------|
| <b>System description:</b> Security based warning system with smoke detection   |  |                 |                                     |                           |
| <b>Type:</b>  | <b>SECURITY BASED ALARM SYSTEM (SSWS)</b>  |                 |                                     |                           |
| <b>Make &amp; Model:</b>  | <b>(IF KNOWN)</b>  |                 |                                     |                           |
| <b>Response:</b>  | <input checked="" type="checkbox"/>  | Automatic       |                                     |                           |
| <b>Supplementary Devices:</b>   | <input checked="" type="checkbox"/>  | Smoke Detectors |                                     |                           |
| <b>As a minimum these inspections and maintenance procedures will be carried out:</b>   |  |                 |                                     |                           |
| <p>Security based warning systems require regular inspection to ensure they remain fit for purpose and require inspections to be completed by the building owner (or representative), the security contractor as well as an annual inspection by an IQP.</p> <p><u>The Monthly inspections by the owner or representative involves:</u></p> <ol style="list-style-type: none"> <li>1. Checking that the security system is operational and no detectors have been isolated or disabled.</li> <li>2. Visually inspecting all detectors for signs of damage, obstruction or removal.</li> <li>3. Check that the sounders operate throughout all buildings protected by detectors connected to the security system.</li> <li>4. <b>Record all defects and immediately arrange repairs as required.</b></li> </ol> <p><u>The Six Monthly Inspections by the security alarm contractor involves:</u></p> <ol style="list-style-type: none"> <li>1. Inspecting all batteries for clean &amp; tight terminals.</li> <li>2. Load testing each battery as required by NZS 4512.</li> <li>3. Verifying that the smoke detectors are operating correctly.</li> <li>4. Testing the correct operation of all sounders &amp; detectors.</li> </ol> <p><u>The Annual Inspection (by an IQP) involves:</u></p> <ol style="list-style-type: none"> <li>1. Verifying that all monthly &amp; six monthly checks have been completed.</li> <li>2. Visually inspecting the location and condition of detectors to ensure that building alterations have not impaired the overall effectiveness or coverage.</li> <li>3. Cleaning &amp; testing at least 20% of detectors in each zone using "test smoke".</li> <li>4. Verifying that the "fire signal" is being received by the security company if remotely monitored.</li> <li>5. Testing and measuring sound levels of all sounders. Sound levels should be a minimum of 65 dBA.</li> </ol> |  |                 |                                     |                           |
| <b>Inspection frequency and responsibility:</b>   | <input checked="" type="checkbox"/>  | Monthly         | <input checked="" type="checkbox"/> | Owner/Representative      |
|   | <input checked="" type="checkbox"/>  | 6 Monthly       | <input checked="" type="checkbox"/> | Security Alarm Contractor |
|   | <input checked="" type="checkbox"/>  | Annually        | <input checked="" type="checkbox"/> | Owner                     |
| <b>Reporting:</b>   | <p>The owner must keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. The records must be kept with the compliance schedule and as a minimum, include:</p> <ul style="list-style-type: none"> <li>• Details of any inspections, tests or preventative maintenance carried out. Include dates, work undertaken, faults found, remedies applied, and the person who performed the work.</li> <li>• Register of training for owner inspections</li> <li>• A Form 12A provided by an IQP annually</li> <li>• The IQP is responsible for ensuring proper training is delivered and only people who have received training are to perform owner inspections.</li> </ul> |                 |                                     |                           |