

# SS 13.1 - Mechanical Smoke Control Systems

<b>Address:</b>			
<b>Provided by (name):</b>			
<b>Equipment Register</b>			
	<b>Make</b>	<b>Model</b>	<b>Location</b>
1			
2			
3			
4			
<b>Performance/Installation Standard:</b>	<input type="checkbox"/> AS 1851:2005 <input type="checkbox"/> Specifically Designed Alternative Solution <input type="checkbox"/> Other (Historical) _____		
<b>Inspections and Maintenance Standard:</b>	<input type="checkbox"/> AS 1851:2005 <input type="checkbox"/> Specifically Designed Alternate Solution Approved by ICC <input type="checkbox"/> Other (Historical) _____		
<b>As a minimum these inspections and maintenance procedures will be carried out:</b>	Planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard or document to ensure the system will operate as required. See Below		
<b>Inspection frequency and responsibility:</b>	<input type="checkbox"/> Six -monthly	<input type="checkbox"/> Owner <input type="checkbox"/> IQP	
	<input type="checkbox"/> Annual	<input type="checkbox"/> Owner <input type="checkbox"/> IQP	
<b>Inspections and Maintenance:</b>			
<i>Six-monthly inspections</i>	<ul style="list-style-type: none"> <li>• Visual inspections</li> <li>• Inspect for damage to mechanical components including corrosion damage</li> <li>• Operational inspections</li> <li>• Where a fire alarm signal is used, activate the fire alarm and check the correct automatic operation of the ventilators</li> <li>• Where a heat activated fusible link is used, disconnect the fusible link and check automatic operation of the ventilator. Reconnect fusible link following successful operation and return ventilator to normal position</li> </ul>		
<i>Annual Inspections</i>	<ul style="list-style-type: none"> <li>• Carry out the six monthly visual and operational inspection and testing</li> <li>• Check energy source to :           <ul style="list-style-type: none"> <li>➢ ventilator actuator e.g. gas charge in gas powered actuator</li> <li>➢ electrical supply to motors or other electrical powered actuating devices</li> </ul> </li> </ul>		

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	<ul style="list-style-type: none"><li>➤ power supply to any control panel</li><li>➤ power supply to any electro-mechanical hold closed device</li><li>• Check fuses, isolators, relays and contractors.</li><li>• Check condition of cable and terminals.</li></ul>
<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 inspection, test or preventative maintenance carried out. Include dates, work undertaken, faults found, remedies applied, and the person who performed the work.</li><li>• A Form 12A provided by an IQP annually</li></ul>

The information above is used to help generate the compliance schedule. If you are unsure of how to fill in this form please consult an IQP who is registered for the system above.