



# Fire Detection Systems



## Fire Service Professionals

A.B.N. 75 066 518 992

581 Old Cleveland Road, Camp Hill Qld 4152

Tel: (07) 3843 3433 Fax: (07) 3843 3459

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## Fire Detection Systems: Mthly / 6Mthly Maintenance Record and Report

Reference Number

Site Name				Site Address	
Client Name and Signature			Technician Name and Signature		
DATE	ARRIVAL TIME	TRAVELLING TIME	WORKING TIME (NORMAL)	AFTER HOURS TIME	

**Monthly** Inspection, Test & Maintenance Activity (Item Nos AS1851.6 Tables 6.4.1/2) P F N/A

All previously identified items requiring corrective action attended to and recorded	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CIE is clearly visible, readily accessible and any covering door is correctly labelled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simulated alarm via an alarm zone activates all required indications and outputs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Where CIE is a sub CIE, the alarm condition is indicated at the CIE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simulated fault via an alarm zone is correctly indicated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Where CIE is a sub CIE, the fault condition is indicated at the CIE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiated isolate/disable at the CIE is processed correctly by monitoring service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Where CIE is a sub CIE, the isolate/disable condition is indicated at the CIE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reset function operates correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All filament type visual indicators operate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All aural indicators operate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local external alarm indicator operates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All controls are returned to their normal position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sub CIE, repeater panel or mimic panel controls and indicators operate correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Six-Monthly** Inspection, Test & Maintenance Activity (Item Nos AS1851.6 Tables 6.4.1/2) P F N/A

Perform all <b>monthly</b> inspection, test and maintenance activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local alarm indicator (strobe or bell) clearly indicates designated entry point	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Where batteries are vented, the battery enclosure shows no signs of corrosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simulated alarm initiates the warning system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All required controls operate correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Defects/Comments/Rectifications**

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Fire Detection Systems: Yearly Maintenance Record and Report					Reference Number
Site Name				Site Address	
Client Name and Signature				Technician Name and Signature	
DATE	ARRIVAL TIME	TRAVELLING TIME	WORKING TIME (NORMAL)	AFTER HOURS TIME	
<input type="checkbox"/> Yearly Inspection, Test & Maintenance Activity (Item Nos AS1851.6 Tables 6.4.1/2)					P F N/A
All previously identified items requiring <b>corrective action</b> attended to and recorded					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Perform all six-monthly inspection, test and maintenance activities					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Actuating devices and remote indicators are clear of conditions that would adversely affect operation such as excessive dust or coat of paint					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Spare glass and replacement tool available for manual call points					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
All bells are marked in accordance with AS 1603.6					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Visual warning devices are marked in accordance with AS 1603.11					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Other warning devices are in place (where used)					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Block plans and zone drawings are legible and current					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Record reliability of monitoring %					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CIE LED and alphanumeric indicators operate correctly					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Warning system operates correctly					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Where battery has not been replaced for 2 years, test capacity					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Ancillary controls operate and correctly initiate each controlled device					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
For each zone of collective detection circuits, removal of last detector registers fault at CIE					Required Ah Measured Ah <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Fault signal registers at CIE when alarm circuit and power is removed from last smoke alarm					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Fault signal registers at CIE when one addressable device is removed from each zone					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
20% of point type heat detectors are tested and operate correctly (all tested over 5 years) <sup>^</sup>					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
All linear heat detectors are tested and operate correctly					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
50% of point type smoke detectors are tested and operate correctly (all tested over 2 years) <sup>^</sup>					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
All linear smoke detectors are tested and operate correctly					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
50% of sampling points of aspirating smoke detectors are tested and operate correctly and transport time is within 15% of the required commissioning value (all tested over 2 years) <sup>^</sup>					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
50% of flame detectors are tested and operate correctly (all tested over 2 years) <sup>^</sup>					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
50% of CO detectors are tested and operate correctly (all tested over 2 years) <sup>^</sup>					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
All manual call points operate correctly					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Warning system tones are audible in all areas of the building					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Fire detection system functions correctly with other interfaced systems					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Interface functions in accordance with system interface schematic for building					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Any battery older than 2 years is replaced unless passes capacity test					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Smoke alarms and heat alarms maintained in accordance with AS 1851 Table 7.4.3					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> See Defects/Comments/Rectifications next page					

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