

INSTRUCTIONS:

This form is to be used in conjunction with-

- (a) operator's manual
- (b) installer's statement(s); and
- (c) 'as-installed' drawings,

To provide a complete description of the installed system and its tested performance at the time of its commissioning into service

SYSTEM INFORMATION

GENERAL	YES	N/A	NO
(a) <i>Equipment</i> Equipment has been designed and constructed in accordance with the relevant Standards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) <i>Installation</i> Equipment has been located, installed and interconnected in accordance with the system documentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) <i>Compatibility</i> All detectors and other devices used in the system are-			
i. Listed in the operators manual	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. Compatible with the relevant parts of CIE, particularly that the permitted number of detectors and other devices for each circuit is not exceeded;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii installed in an environment for which they are suitable;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv not set to a sensitivity outside that prescribed in the relevant product standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(d) <i>Alarm zone limitations</i> The alarm zone limitations in Clause 2.4 of AS 1670.1 are not exceeded.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(e) <i>Primary power source</i>			
i. The primary source for the system has been provided in accordance With AS/NZS 3000.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii. The isolating switch disconnects all active conductors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii. Five operations of the primary power source switch did not cause an Alarm to be indicated on the system	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(f) <i>Secondary power source</i>			
i. The secondary power source is of a suitable type and capacity complying With the requirements of Clause 3. 16. 2 of AS 1670.1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii The float voltage, charger type and setting is correct and in accordance with the battery manufacturer's recommendation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(g) <i>Battery temperature and voltage</i> The battery voltage corresponds to that specified by The battery manufacturer for the temperature measured after 24 h quiescent operation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(h) <i>Alarm zone parameters</i> Each alarm zone circuit is within the equipment manufacturers Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) <i>Wire-free alarm zones</i> Wire-free actuating device parameters meet the minimum parameters specified by the manufacturer, including that the receiver responds to signals from an actuating device for alarm, tamper, low standby power signals and gives a fault signal when the supervisory signal condition is absent	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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| (j) <i>Operation of fault and alarm signals</i> | Fault and alarm conditions correctly detect and indicate as the correct alarm zone, operating other required indicators, and operate relevant outputs of the CIE. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (k) <i>Mimic panel</i> | All mimic panels, annunciators, etc, operate correctly. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (l) <i>Alarm zone controls</i> | Alarm test, fault test, isolate and reset facility of each alarm zone operates Correctly. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (m) <i>Alarm dependency</i> | Alarm dependency works correctly and does not apply to devices listed in clause 3.3 of AS 1670.1. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (n) <i>CIE response to actuating device operation</i> | Each actuating device has operated when tested with a medium suitable for the device type and the alarm has indicated on the FIP and at the tested device. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (o) <i>Fault response time</i> | The response to a fault does not exceed 100 s for each alarm zone circuit | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (p) <i>Alarm response time</i> | At least one detector in each alarm zone has been tested and the response to the alarm does not exceed 10 s or the period specified when the dependency on more than one alarm signal is used. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (q) <i>Supervisory signal response time</i> | At least one supervisory device in each alarm circuit has been tested and the response to the supervisory device does not exceed 100 s. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (r) <i>Alarm acknowledgment facility</i> | Alarm acknowledgment facilities operate in accordance with the requirements of Clause 3.2 AS 1670.1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (s) <i>Occupant warning system</i> | | | | |
| (i) | A fault signal is displayed at the CIE when the circuit wiring at the last speaker or sounder is short or open circuited | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (ii) | Each sounder/speaker operates in accordance with the requirements of Clause 3.22 of AS 1670.1 and a record of the sound pressure level has been made. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (t) | The external alarm indication is visible from the main approach to the building | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (u) <i>Manual call points</i> | | | | |
| (i) | Each manual call point operates correctly | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (ii) | The activation of manual call points do not cause existing detector alarm indications to Be extinguished | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (iii) | Manual call points are not subject to alarm dependency | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (v) | <i>Smoke and fire door release.</i> Each door-release device operates correctly | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (w) <i>Flame detectors</i> | | | | |
| (i) | The number and type of flame detectors provide adequate protection for the area | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (ii) | There are no 'blind' spots in the area protected | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (iii) | Detectors are rigidly fixed | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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| (iv) | Detector lenses are clean and adequately protected from dust and extraneous radiation
Sources | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (v) | Detectors respond to a flame or simulated flame source | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

(x) *Multi-point aspirating smoke detectors*

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| (i) | Response time of all sampling points meets the requirements of AS 1670.1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (ii) | Alarm settings and indicators operate correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (iii) | Remote indication of alarm and fault signals operate correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (iv) | Airflow failure indicator operates correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (v) | System (signal) failure indicators operate correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (vi) | Isolate and reset functions operate correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (vii) | Alarm and fault test facilities operate correctly | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
- (y) *Duct sampling unit* The alarm indicator is clearly visible from a trafficable area and the duct air velocity exceeds the minimum velocity specified for the unit. If not, the measured differential pressure is at least the minimum specified for the unit
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| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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- (z) *Ancillary control functions* Each ancillary control function operates with the activation of associated alarm zones.
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| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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- (aa) *Alarm signaling equipment* Alarm signaling equipment initiates a fire alarm signal to the monitoring service provider
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| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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- (bb) *Labeling* Alarm zone location is immediately apparent from the alarm zone labeling
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| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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DOCUMENTATION

The following documentation is located in or adjacent to the FIP:

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|-----|---|-------------------------------------|-------------------------------------|--------------------------|
| (a) | ‘As-installed’ drawings | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) | CIE documentation required by AS 4428.1 or AS 7240.2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) | Commissioning test report | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) | Installers statement in accordance with Appendix E of AS 1670.1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (e) | A log complying with the requirements of Clause 7.3 of 1670.1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (f) | Aspirating system design tool calculation | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |