

COMMISSIONING TEST REPORT

THE FIRE DETECTION AND ALARM SYSTEM INSTALLED AT:

Assisi Aged Care, east half of Stage 3, 230 Rosanna Road, Rosanna 3084

Owner or Owner's Authorized Agent:

Buxton Construction Pty Ltd
Suite 3, 16 Salmon Street
Port Melbourne Vic 3207

NEW*

MODIFICATION TO SYSTEM*

~~ADDITION TO*~~

(*Cross out those not applicable)

Date of commissioning tests: 30/06/2014

Name and address of commissioning company, company stamp or company (name in 'BLOCK LETTERS')

ASSURED FIRE PROTECTION


90- 92 Williams Road

Dandenong South, 3175

Commissioning person

Name: Adam McSween

Signature:

A handwritten signature in black ink, reading "Adam McSween". The signature is written in a cursive, flowing style with a large initial 'A' and 'M'.

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"/>

- | | | | | |
|---|--|-------------------------------------|-------------------------------------|--------------------------|
| (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"/> |

- | | | | | |
|------|--|--------------------------|-------------------------------------|--------------------------|
| (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*

- | | | | | |
|-------|--|--------------------------|-------------------------------------|--------------------------|
| (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
- | | | | |
|--|--------------------------|-------------------------------------|--------------------------|
| | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|-------------------------------------|--------------------------|
- (z) *Ancillary control functions* Each ancillary control function operates with the activation of associated alarm zones.
- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|
- (aa) *Alarm signaling equipment* Alarm signaling equipment initiates a fire alarm signal to the monitoring service provider
- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|
- (bb) *Labeling* Alarm zone location is immediately apparent from the alarm zone labeling
- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|-------------------------------------|--------------------------|--------------------------|

DOCUMENTATION

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

- | | | | | |
|-----|---|-------------------------------------|-------------------------------------|--------------------------|
| (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"/> |

**STANDARD FORM OF INSTALLER'S STATEMENT FOR
FIRE ALARM SYSTEM**

1. Name of premises: Assisi Aged Care
2. Situated at: 230 Rosanna Road, Rosanna 3084
3. I/We have installed in the above premises
An alteration to the system of...Ampac Firefinder
A system of:
 4. The system is connected to the.....ADT.....monitoring service provider
 5. The system incorporates the following ancillary equipment: GFA for Mechanical services and Nurse call.
 6. The quiescent load of ancillary equipment is: As per spec
 7. Primary power voltage and source: 240 volt AC
 8. Secondary battery type and capacity: Sealed lead acid
 9. System maintenance agreement details: 12 months as per warranty
 10. Portion/s of premises not protected by this system: NIL
11. I/We hereby certify that:
 - a. The installation is complete and has been thoroughly tested
 - b. The system is installed in accordance with the current requirements of AS 1670.1*
 - c. The system is installed in accordance with the attached design specification*
Except in regard to the following details*: NIL

Location of fire indicator panel: Main Entry

Zone of Protection	Number and type of											
Alarm Zone	Number of actuating devices	Heat					Smoke		Flame		MCP	Other
		A	B	C	D	E	Smoke	CO	IR	UV		
1	25						25					
2	22						22					
3	1										1	
4	1										1	
5	1										1	
6	1											1
7	1										1	
8	0											
9	0											
10	13						13					
11	12	1					11					
12	1										1	
13	1										1	
14	24	2					22					
15	1										1	
16	16	1					15					
17	1										1	
18	15						15					
19	1											1
20	0											
21	0											
22	0											
23	13						13					
24	29						27				2	
25	13						13					
26	12						12					
27	21						20				1	
28	14						13				1	
29	12						11				1	
30	10						10					
31	0											
32	0											
33	0											
34	3						3					
35	10						10					
36	15						14				1	
Total	289	4	0	0	0	0	269	0	0	0	14	2

Name: Adam McSween

Company: Assured Fire Protection

Date: 10/06/2014



Fire Safety Victoria Pty. Ltd.

Automatic Fire Detection & Occupant Warning Systems Report

Premises:	Assissi Centre Aged Care – Stage 3 East
Address:	230 Rosanna Road, Rosanna
Date of Inspection:	30 May 2014
Date of Report:	3 June 2014
Inspection Type:	Inspection & Tests of Fire Detection & OWS
Installation Contractor:	Assured Fire Protection Pty. Ltd.

1. Scope of Report

The works covered by this report consist of;

- Extensions to existing Ampac Firefinder Fire Indicator Panel & EV100 Occupant Warning Controller,
- Relocation of existing FIP to new front entry location,
- Installation of smoke detection system to occupied areas,
- Installation of manual call points to BCA requirements,
- Connection to mechanical, security & nurse call systems,
- Occupant warning speakers throughout common areas & egress paths.

2. Documentation

This report is prepared on the basis of the following documentation;

- | | |
|---|--------------|
| • Design information | Not sighted, |
| • Fire Engineers Report | Not sighted, |
| • Fire Authority Dispensations (if any) | Not sighted |

3. Test Results

- Random fire alarm & fault tests were conducted. The FIP recorded all tests correctly.
- Smoke detectors were alarm tested. All tested devices reported correctly at the FIP.
- The occupant warning system operated automatically upon smoke detector alarm.
- Sound pressure levels were measured in the dB(A) range and found to be adequate throughout,
SPL's averaged 70-80 dB(A) throughout.

Specialist Fire Protection



Design



Engineering



Project Delivery



Certification



Fire Safety Victoria Pty. Ltd.

- Signals to nurse call system, mechanical system & security system are operational.
- The FIP transmitted an alarm to the monitoring company, via the Alarm Signalling Equipment.

4. Comments

- *Sound pressure levels to occupant bedrooms have not been measured to achieve 75dB(A) at bed heads. This is consistent with AS1670.1 2004 provision for minimising trauma. (Informative comment only)*

5. Conclusion

The fire detection & occupant warning systems have been tested & confirmed to be installed & operate in accordance with the requirements of AS1670.1 2004.

Manual call points have been installed in accordance with BCA E2.2a Cl. 4(e).

Outputs to the nurse call system have been provided. Refer report from nurse call system installer.

Fire Safety Victoria Pty. Ltd.

Gerry Snyders

Accredited Fire Systems Inspector / Certifier (AFSPAB Inc.)

Specialist Fire Protection

 Design

 Engineering

 Project Delivery

 Certification

P.O. Box 5052, Garden City, Victoria 3207, Mob. 0431 463352
ABN 31 123 375 422, ACN 123 375 422

FOR CONTINUATION REFER DWG F101

FOR CONTINUATION REFER DWG F102

GENERAL NOTES:

Rev	Description	Checked	Date
B	TENDER ISSUE	JUN	16.05.11
C	ADDENDUM F001	JUN	31.05.11
D	CONSTRUCTION ISSUE	JUN	22.11.11

Ref	Date	X08-AGED	X08-SITE
14.11.11	X08-AGED	14.11.11	X08-SITE
14.11.11	X08-AGED	DDMMYY	###-ARC
14.11.11	X08-AGED	DDMMYY	###-ARC
14.11.11	X08-AGED	DDMMYY	###-ARC

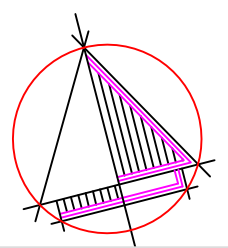
Architect
ThomsonAdsett
Level 7
240 Dorcas Street
South Melbourne
VIC 3205
Phone: 03 9588 8115
Fax: 03 9588 8111
info@thomsonadsett.com
www.thomsonadsett.com

Project
ASSISI CENTRE
EXISTING AGED CARE BUILDING &
NEW RETIREMENT ACCOMMODATION
230 ROSANNA RD, ROSANNA

Title

Drawn	Date
Checked	Scale
	#81
	Job No
Drawing No	Revision

TENDERERS
SHALL VISIT SITE
PRIOR TO TENDER



OWS AS BUILT
DESIGN PRELIMINARY

FOR CONTINUATION REFER DWG F102

FOR CONTINUATION REFER DWG F101

GENERAL NOTES:

Rev	Description	Checked	Date
B	TENDER ISSUE	JUN	16.05.11
C	ADDENDUM F001	JUN	31.05.11
D	CONSTRUCTION ISSUE	JUN	22.11.11

Ref	Date	X08-AGED	X08-AGED	14.11.11	X08-SITE
14.11.11	X08-AGED	DDMMYY	###-ARC		
14.11.11	X08-AGED	DDMMYY	###-ARC		
14.11.11	X08-AGED	DDMMYY	###-ARC		

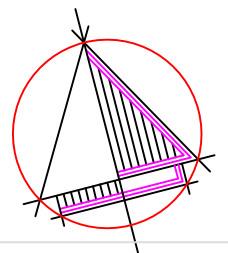
Architect		ThomsonAdsett	
Level 1		242 Dorcas Street	
		South Melbourne	
		VIC 3205	
		Phone: (03) 9588 8115	
		Fax: (03) 9588 8171	
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Project		ASSISI CENTRE	
		EXISTING AGED CARE BUILDING &	
		NEW RETIREMENT ACCOMMODATION	
		230 ROSANNA RD, ROSANNA	

Title			
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Drawn	Date		
Checked	Scale	#81	
	Job No		
Drawing No	Revision		

TENDERERS
SHALL VISIT SITE
PRIOR TO TENDER



OWS AS BUILT
DESIGN PRELIMINARY