



Fire Safety Victoria Pty. Ltd.

Automatic Fire Detection & Occupant Warning Systems Report

Premises:	Assissi Centre Aged Care – Stage 2
Address:	230 Rosanna Road, Rosanna
Date of Inspection:	28 September 2013, 8 October 2013
Date of Report:	1 October 2013, 9 October 2013
Inspection Type:	Inspection & Tests of Fire Detection & OWS
Installation Contractor:	Rapid Fire Prevention 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,
- 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.
- Signals to nurse call system, mechanical system & security system are operational.

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Design



Engineering



Project Delivery



Certification



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- 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)*
- It is understood constraints within existing infrastructure do not allow full compliance with BCA E2.2a Cl. 4(e), in terms of nurse call system display of fire alarm zones. This report is limited to the transmission of a signal from the fire system to the nurse call system.

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.)

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 Design

 Engineering

 Project Delivery

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