



# Fire Safety Victoria Pty. Ltd.

## Automatic Fire Detection & Occupant Warning Systems Report

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

### 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



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- 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.)

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 **Design**

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