**Appendix G**

**Commissioning statement**

THE EMERGENCY WARNING SYSTEM AND EMERGENCY INTERCOM SYSTEM IS INSTALLED AT: (Cross

out what is not applicable) (Premises)

Postcode

Owner or Owner’s Authorized Agent

Postcode

* NEW
* MODIFICATION TO SYSTEM
* ADDITION TO

(\* Cross out those not applicable)

Date of commissioning tests

Name and address of commissioning company, company stamp, or company name in

“BLOCK LETTERS”

Postcode

Commissioning person

Name (print)

Signatur

INSTRUCTIONS:

This form is to be used in conjunction with —

1. operator’s manual;
2. installer’s statement(s); and
3. “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**

1. All system equipment is located and installed in accordance with the “as 

installed” drawings.

1. The emergency zone facilities have been correctly labelled and the emergency 

zone is immediately apparent from the labelling.

1. All loudspeakers are of the type specified. 
2. The total emergency zone rating does not exceed amplifier capacity. 
3. The WIP locations have been correctly labelled and the emergency zones

are immediately apparent from the labelling. 

1. All WIPs are of the type specified. 

**WIRING**

1. The AC mains power for the system has been provided in accordance with

the requirements of AS/NZS 3000 and Section 3 of AS 1670.4. 

1. The system wiring conforms with the requirements of Clause 3.6 of AS 1670.4. 
2. A fault signal is displayed at the EWCIE when the circuit wiring at the last emergency manual call point on each emergency zone is open-circuited. 

**POWER SUPPLY**

1. The PSE functions in accordance with the requirements of Section 3 of

AS 1670.4. 

1. The installed battery has sufficient capacity to operate the system. Calculations

as per Clause 3.5.6 of AS 1670.4 are attached. 

1. Record the following:
   1. Mains supply voltage.
   2. Float charge voltage.
   3. Full load current of system.
   4. Quiescent current of system.
   5. Rated output current of battery charger. (vi) Battery type and capacity.
2. Battery manufactured date.
3. Recommended battery replacement due date.

**DOCUMENTATION**

1. The operator’s instructions have been provided. 
2. The “as installed” drawings have been provided and they correctly represent

the installation. 

1. The logbook/log has been provided. 

**OPERATIONAL TESTS**

1. A fault signal is displayed at the EWCIE when the circuit wiring at the last 

loudspeaker on each emergency zone is open-circuited.

1. A fault signal is displayed at the EWCIE when the circuit wiring at the last 

loudspeaker on each emergency zone is short-circuited.

1. Each loudspeaker operates in accordance with the requirements of Section 4 

of AS 1670.4.

1. Alert, evacuation and voice message signals are distributed throughout the  building in accordance with Clause 4.4, Clause 4.5, Clause 4.7, Clause 4.8 and Clause 4.9 of AS 1670.4.
2. Visual alarm devices, where used, to meet the requirements of Clause 4.6 

of AS 1670.4.

1. Automatic operation:
   1. If the system is connected to a fire detection and alarm system, a fire alarm including manual call point for each emergency zone on the  FDCIE, correctly initiates the appropriate emergency zone.
   2. Each separate emergency manual call point, if provided, that is

connected to the emergency warning system initiates an alert signal

indication at the EWCIE and the alert signal is transmitted to designated 

emergency zone(s).

* 1. The alert signal changes to an evacuate signal in the specified time. 
  2. The operation of the automatic evacuation sequence, where provided,

operates as specified. 

1. The environmental condition in which the equipment is installed enables 

satisfactory use of the system in accordance with Clause 2.1 of AS 1670.4.

1. A fault signal is displayed at the EICIE when the circuit wiring at each WIP 

is open-circuited.

1. A fault signal is displayed at the EICIE when the circuit wiring at each WIP 

is short-circuited.

1. Each WIP operates. 
2. The audible call signal at each WIP conforms with Clause 5.3.5 of AS 1670.4. 

**RECORDING RESULTS**

The results of operational tests in each emergency zone are attached to this 

report and recorded in the log.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Evacuation zone | Corresponding fire zones | Sound pressure level | | STI  Reading | Number of visual warning devices | Number of emergency call points | WIP location | Aural Call Signal level (dBA) | Fault signal at fire CIE |
| Min. | Max. |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
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| 9 |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |
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| 16 |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |