

BASELINE DATA — COMMISSIONING

EMERGENCY WARNING AND INTERCOMMUNICATION SYSTEM

AS1670.4 - APPENDIX G - COMMISSIONING STATEMENT Rev.20251125

Document No:

Please enter the fire alarm agent document number.

① Complete **all form fields** as applicable.

I/We confirm _____ have commissioned the
Emergency Warning and Intercom System located at:

Site/building name:

Address:

Postcode:

OR; enter the fire alarm company name:

The system installed is:

An alteration to an existing system

A new system

The design documentation / statement has been provided by:

Company name:

The Installers statement has been provided by:

Company name:

The design criteria is:

AS 1670.4; standards edition year:

(YYYY)

Deemed to satisfy provisions of NCC

As per the clients' specific requirement (attached)

A performance solution provided by:

Engineer's name / Company:

Fire Safety Engineering Report (FSER) Reference:

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We certify that the installed system:

- a. meets the design standard specified;
- b. is correctly installed;
- c. meets the Cause and Effect Matrix requirements;
- d. meets the system interface requirements;
- e. Commissioning Report is provided; and
- f. the baseline data are provided as listed in AS1670.4 Clause 1.7.2.

Commissioning Company

Company name:		
Commissioning person (print):		
Date of Commissioning Test:		(dd/mm/year)
Signature:	OR; type to sign:	

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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			
A. General	YES	NO	N/A
1) All system equipment is located and installed in accordance with the “As Installed” drawings.	YES	NO	N/A
2) The emergency zone facilities have been correctly labelled, and the emergency zone is immediately apparent from the labelling.	YES	NO	N/A
3) All loudspeakers are of the type specified.	YES	NO	N/A
4) The total emergency zone rating does not exceed amplifier capacity.	YES	NO	N/A
5) The WIP locations have been correctly labelled, and the emergency zones are immediately apparent from the labelling.	YES	NO	N/A
6) All WIPS are of the type specified.	YES	NO	N/A
B. 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 AS1670.4.	YES	NO	N/A
2) The system wiring conforms with the requirements of Clause 3.6 of AS1670.4.	YES	NO	N/A
3) 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.	YES	NO	N/A
C. Power Supply			
1) The PSE functions in accordance with the requirements of Section 3 of AS1670.4.	YES	NO	N/A
2) The installed battery has sufficient capacity to operate the system. Calculations as per Clause 3.5.6 of AS1670.4 are attached.	YES	NO	N/A

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C. Power Supply <i>(continued)</i>			
3) Record the following:			
<i>i</i> This section (3a to h) may be recorded in this form or in the Battery log.			
Please indicate where this data is recorded: This form Battery Log			
a. Power supply source (mains), nominal voltage.	REFER TO BATTERY LOG		
b. Float charge voltage.	REFER TO BATTERY LOG		
c. Full load current of system -system alarm current (ma).	REFER TO BATTERY LOG		
d. System quiescent current (ma).	REFER TO BATTERY LOG		
e. Rated output current of battery charger.	REFER TO BATTERY LOG		
f. Battery type and capacity.	REFER TO BATTERY LOG		
g. Battery manufactured date.	REFER TO BATTERY LOG		
h. Recommended battery replacement due date.	REFER TO BATTERY LOG		
D. Documentation	YES	NO	N/A
1) The operator’s instructions have been provided.	YES	NO	N/A
2) The “as installed” drawings have been provided and they correctly represent the installation.	YES	NO	N/A
3) The logbook/log has been provided.	YES	NO	N/A
E. Operational Tests	YES	NO	N/A
1) A fault signal is displayed at the EWCIE when the circuit wiring at the last loudspeaker on each emergency zone is open-circuited.	YES	NO	N/A
2) A fault signal is displayed at the EWCIE when the circuit wiring at the last loudspeaker on each emergency zone is short-circuited.	YES	NO	N/A
3) Each loudspeaker operates in accordance with the requirements of Section 4 of AS1670.4.	YES	NO	N/A

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E. Operational Tests <i>(continued)</i>	YES	NO	N/A
4) 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 AS1670.4.	YES	NO	N/A
5) Visual alarm devices, where used, to meet the requirements of Clause 4.6 of AS1670.4.	YES	NO	N/A
6) Automatic operation:			
a. 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.	YES	NO	N/A
b. 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).	YES	NO	N/A
c. The alert signal changes to an evacuate signal in the specified time.	YES	NO	N/A
d. The operation of the automatic evacuation sequence, where provided, operates as specified.	YES	NO	N/A
7) The environmental condition in which the equipment is installed enables satisfactory use of the system in accordance with Clause 2.1 of AS1670.4.	YES	NO	N/A
8) A fault signal is displayed at the EICIE when the circuit wiring at each WIP is open-circuited.	YES	NO	N/A
9) A fault signal is displayed at the EICIE when the circuit wiring at each WIP is short-circuited.	YES	NO	N/A
10) Each WIP operates.	YES	NO	N/A
11) The audible call signal at each WIP conforms with Clause 5.3.5 of AS1670.4.	YES	NO	N/A
F. Recording Results			
1) The results of operational tests in each emergency zone are attached to this report and recorded in the log.	YES	NO	N/A

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AS1670.4 TABLE A.1 – EMERGENCY ZONE RECORDING LOG – BASELINE DATA

[illegible]

i Refer further to the project as-built layout drawings for the results of the sound pressure levels (SPL) and speech intelligibility (STI)

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AS1670.4 RECORDING LOG REVIEW			
The results have been reviewed:	Passed	Passed with comments	Fail/Action required
Comments:			
Commissioning Contractor (Business)			
Name:			
Position:			
Signature:	OR; type to sign:		
Date:		(dd/mm/year)	

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