

# Fire formal interpretations

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16 July 2018

FI-134

NZS 4512:2010 *Fire Detection and Alarm Systems in Buildings* – EWIS Standards Clause 218.6

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**Question:**

Clause 218.6 requires any EWIS providing the alerting devices to comply with AS 2220.1.

AS 2220.1 has been superseded in Australia by two new standards: AS 4428.16 in respect of the warning system, and AS 4428.4 in respect of the intercommunication system.

- 1) In New Zealand, may an EWIS complying with AS 4428.16 and AS 4428.4 be used instead of one complying with AS 2220.1?
- 2) If so, must the Evacuation and Alert signals still comply with Appendix F, as per clauses 218.6 (a) and (c), and 406.8, or may these signals comply with AS 4428.16?
- 3) Also, do the other requirements of clause 218.6 continue to apply (in respect of d.c. power supply system, battery capacities, brigade silence alarms and evacuation switches)?

**Interpretation issued by the Alarms and detection group:**

- 1) Yes.
- 2) EWIS Evacuation and Alert signals must comply with NZS 4512 Appendix F.
- 3) The other requirements of clause 218.6 continue to apply to EWIS complying with AS 4428.16 and AS 4428.4.