

Fire formal interpretations

27 September 2018

FI-136

NZS 4512:2010 *Fire Detection and Alarm Systems in Buildings* – Clause 105 and Remote Receiving Centre

Question:

NZS4512:2010. Clause 105 and Remote Receiving Centre

1. If a building consent requires a fire alarm system to be connected to a remote receiving centre as defined in NZS 4512, does a security monitoring company connected permanently to a fire alarm system and receiving FIRE and DEFECT signals from that system meet the requirements of clauses 105(a) and 105(b)?
2. If a building consent does not require a fire alarm system to be connected to a remote receiving centre as defined in NZS 4512, and that fire alarm system is permanently connected to a security monitoring company to receive and immediately act on FIRE and DEFECT signals, may a 24-hour battery standby calculation as specified in clause 213.1 be used in that situation?
3. Clause 209 details the Manual Isolation requirements from a remote receiving centre – *Facilities shall be provided for manually isolating the normal alarm functions of the system from the remote receiving centre. A mechanism shall also be incorporated to guard against the system inadvertently being left in the isolate mode. Isolating of the system shall initiate an isolate signal being transmitted to the remote receiving centre.*
Is clause 209 applicable to items 1 and 2 above?

Interpretation issued by the Alarms and Detection Group:

1. No. Appendix A1 requires such remote connection to be to a Fire & Emergency NZ (formerly NZ Fire Service) remote receiving centre.
2. Yes, provided the security monitoring centre will actually take immediate action to summon a service contractor response in receipt of a DEFECT signal.
3. Yes. Clauses 204.12, 205.4, 208.2, 602.6, A1, A2 and A3 are also applicable.