



12 August 2005

*Question:*

*Std: NZS 4512*

*Fl 042*

Interpretation:

Issued by the Alarms and Detection Group

Clauses 218.9 and Appendix C

ANSWER:

What is an “other fire protection system” and what standard does it need to comply with?

In 218.9 this is defined as a separate fire protection system complying with some appropriate standard (this will almost certainly be other than NZS 4512). Common examples include Gas Flooding and Sprinkler systems.

Can a fire alarm system have an “other fire protection system” connected to a zone circuit?

Yes. 218.9 (and Appendix C) allows and 402.8.2(d) effectively recommends such “other fire protection systems” to be connected to a separate zone on the control unit.

If so, can this zone be configured as alerting and brigade calling?

No. 218.9 (and Appendix C) allows alerting only.

If such a zone is configured for alerting, does the “other fire protection system” have to be brigade calling?

No. If a brigade call from the other system is desired it must be via a remote connection separate from the fire alarm system (i.e. a different PFA code). However, 203.4 does allow some defects generated by the other system to be signalled through the fire alarm system.

If Appendix C is informative only, why does it have to be followed?

Appendix C, though designated informative, is intended as a convenient summary of many other clauses each of which are normative (see NOTE to Appendix C).

NOTE:

The NZ Fire Service have routinely allowed Gas Flood / Gas Detection systems and the like to be directly connected to their remote receiving equipment, subject to acceptance and a test / inspection appropriate to each individual case.