



26 June 2006

Question:

Std: NZS 4512

Fl 056

Interpretation:

Issued by the Alarms and Detection Group

In the first paragraph of **401.1**, does the term “separately isolated” mean:

- a) The area can simply be isolated from the fire alarm system without any signal being transmitted to the remote receiving centre,

(a) is the correct interpretation.

Panels with built-in (typically zone or point) isolation facilities can be used to cover premises up to 22,000 m² in floor area with a single transmitting device.

Or

- b) That each isolatable area must have its own transmitting device to signal to the remote receiving centre which part of the building has been isolated?

NOTE:

At final voting, in 401.1 the word "isolated" had no italics and so took its everyday meaning of zone or point isolation as provided by the panel itself (with no Brigade Isolate signal to mask fire or defect signals from other non-isolated zones). During final editing the word became italicised, changing its meaning by unintentionally invoking the definition of "Isolated" in 104.

The incorrect interpretation (b) is leading to situations where multiple panels, each with separate transmitting devices, are being required to cover relatively modest premises.