



Global Risk Consulting
Sprinkler Certification

Aon Sprinkler Certification Technical Note		
Note Number: TN-16-25	Issue: 1	Date: 19 th August 2016
Subject:	NZS4541:2013 – Clause 404.2.5 Valves with Supervisory Devices	
Notice: Aon Sprinkler Certification Technical Notes provide guidance notes which may be used in certification of sprinkler installations by Aon New Zealand. If sprinkler installations are being certified by any other Sprinkler System Certifier, these Technical Notes may not apply.		

NZS4541:2013 Clause 404.2.5 provides guidance on the provision of supervision to the various valves installed in a fire sprinkler system, where the requirement for supervision is mandated.

We would highlight that the subject clause does provide specific guidance with respect to supervision of quarter turn valves and does not cover the application of devices such as the previously listed proprietary hardware that is available on the market to suit this application.

The monitoring of quarter turn valves via a plug and lead arrangement is unique to this type of valve, and is not transferrable or approvable for other styles of valves (ie, hand wheel style gate valve etc), due to the ability for the monitoring device to supervise the valve in any position including closed.

On this basis we wish to remind installers that the application of equipment such as plug and lead supervision devices is not appropriate in any application other than that covered by the equipment listing certificate.

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