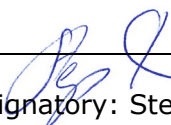


## FORM 10

Aon File Reference: BB005\_\_\_\_\_

<b>LISTING CERTIFICATE – SPRINKLER SYSTEM EQUIPMENT</b> As per section 114 of NZS 4541:2020 and NZS4515:2009 Appendix G	
This is to confirm that, on the basis of the information supplied in the application for listing of the equipment dated 17 August 2020 this organisation, as the nominated Sprinkler System Certifier considers that the appropriate requirements of NZS 4541:2020 and NZS4515:2009 have been adequately met with respect to the item described below, for use under the conditions set out on this certificate.	
Item Zip Clip Seismic Bracing Components	
For use as seismic bracing	
Certificate number BB005a	Effective from 11 October 2023
Manufacturer / Supplier Zip Clip	
Make Zip Clip	
Model B system, GY system, and R system	
Reference information	
Compilation of analysis and testing document dated August 2023 by Zip Clip. Testing completed by SATRA Technology and analysis by BJ Davidson CPEng.	
Testing certificates TRA061116CC01, TRA061116CC02, TRA061116CC03; all dated 02/08/2023	
Range limitations	
Approved for use as a bracing solution for long droppers. Refer NZS4541:2020 clause 4.3.13.7 b and the standard detail by Zip Clip	
Approved for use as a lateral and longitudinal brace with maximum spacings as shown by Zip Clip in Table 1 of their standard sprinkler brace detail.	
Restrictions and warnings	
Table 1 by Zip Clip is derived from table 4.11 of NZS4541:2020. Maximum spacings are reduced for a portion of the table due to testing limits.	
Special conditions	
Pipe clips from IFNZ must be used as the intermediate component between the wire brace and the pipe.	
Signed	Certificate updated: 16 November 2023 Scope increase for Table 4.11
Name  IANZ Approved Signatory: Stephen Ridder	Designation Fire Protection Engineer