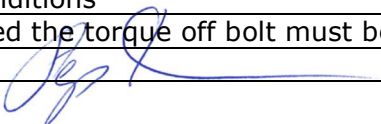


FORM 10

Aon File Reference: BB008_____

<p>LISTING CERTIFICATE – SPRINKLER SYSTEM EQUIPMENT As per section 114 of NZS 4541:2020 and NZS4515:2009 Appendix G</p> <p>This is to confirm that, on the basis of the information supplied in the application for listing of the equipment dated 09 November 2021 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.</p>	
Item Seismic Bracing Components	
For use as seismic bracing	
Certificate number BB008 rev A	Effective from 16 November 2021
Manufacturer / Supplier: Erico/nVent	
Make nVent Caddy	
Model CSBSTU 25mm – 250mm, CSBMA, CSBQGO 65mm-200mm, CSBBRS3MEG, CSBIB, CSBBRS1MEG, CSBBC075EG, CSBBRP 25mm – 50mm, CSBBARJEG, CSBUNIV, CSBEZU 25mm – 150mm, CSBU2N, CSBS3N, CSBS4N, CSBS5N, CSBS1AN, CSBS1N, CSBS2N, CSBU1N, CSBU58N, CSB0XXXN 25mm -300mm.	
Reference information nVent Caddy manufactures datasheets, FM certificate 449669	
Range limitations	
Maximum loads may not exceed the adjusted allowable stress design FM published loads.	
If AS1074 medium pipe used as the brace then schedule 10 loads to be used	
CSBEZU loads are based on the historic FM values, see appendix to this cert.	
Restrictions and warnings	
UL design loads are not applicable	
CSBBRS2MEG (Branch line restraint) listed for use in wood only.	
Special conditions	
Where fitted the torque off bolt must be tightened until it snaps off.	
Signed 	Date 18 December 2024 Rev A, scope increase
Name IANZ Approved Signatory: Stephen Ridder	Designation Fire Protection Engineer

Appendix to BB008

Brace CSBEZU

Load limits as proven by FM. These values are the ASD values.

FM Loads (Lightwall, Sch 10 and Sch 40 Service Pipes)								
Part Number	Horizontal Capacity per Installation Angle from Vertical							
	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
CSBEZU0100EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0125EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0150EG	3825 N	5425 N	6670 N	7430 N	1735 N	2445 N	2980 N	3335 N
CSBEZU0200EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0250EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0300EG	6805 N	9610 N	11790 N	13165 N	2315 N	3070 N	3690 N	4136 N
CSBEZU0400EG	6985 N	9875 N	12100 N	13480 N	2800 N	4005 N	4895 N	5470 N
CSBEZU0500EG	6985 N	9875 N	12100 N	13480 N	2800 N	4005 N	4895 N	5470 N
CSBEZU0600EG	8805 N	12500 N	15300 N	17080 N	3245 N	4450 N	5470 N	6095 N