

Fire formal interpretations

4 July 2014

FI-112

NZS 4541:2013 *Automatic fire sprinkler systems* – Clauses 610.4.1 and 410.1

Question:

- (1) Does 610.4.1 permit the assembly of a Fire Service Inlet from individual component parts (such as a threaded check valve, threaded instantaneous delivery hose adaptor complying with SNZ PAS 4505 Section 6 and general pipe fittings)?

- (2) If assemblies as described above are acceptable, and the check valve is made of LG2 Gunmetal as required by NZS 4541:2013 Clause 410.1 (c), is it acceptable for the other components of the assembly to be made of different materials (such as galvanised malleable fittings, aluminium threaded instantaneous delivery hose adaptors complying with SNZ PAS 4505 Section 6)?

Interpretation issued by the Fixed fire protection group:

- (1) Yes.

- (2) Yes. Cognisance needs to be taken of any potential electrolytic action with adjacent materials if the assemblies are not in a weather-tight environment.