

Fire formal interpretations

28 May 2014

FI-113

NZS 4541:2013 *Automatic fire sprinkler systems* – Clause 511.11

Question:

- (1) Does clause 511.11.1 apply to extractor hoods manufactured predominately for use in domestic kitchens where no deep fryers are present?
- (2) In a situation where extractor hoods manufactured predominately for use in domestic kitchens are connected to a duct where the cross-sectional dimension is 300 mm or greater, is the duct required to be protected in accordance with clause 511.11.2?

Interpretation issued by the Fixed fire protection group:

- (1) No, unless the SSC deems that protection is required under such extraction hoods with reference to clause 511.13.
- (2) Yes. Kitchen hobs will produce condensed flammable vapours, thereby requiring protection to any ducts with a cross-sectional dimension of 300 mm or greater.