



14 August 2007

FI 077

**Question:**

Interpretation:

Std: NZS 4541

Issued by the Fixed Fire Protection Group

908.2.1, 113.2

- (1) It is not uncommon to protect isolated Ordinary Hazard areas using ESFR sprinklers where these areas are surrounded or contiguous with high racks storage areas; and
- (2) ESFR sprinklers have been specified over OH areas where it has been considered desirable to future proof large warehouses for tenancies of changeable occupancies.

The committee is unable to give a general response on this enquiry as a decision would be dependent on specific features of the OH area and the goods being stored or used there, or the processes being performed in the area.

This has been ratified by NFPA 13 2007 Clause 12.6.7:  
"12.6.7 Large drop, control mode specific application and ESFR sprinklers shall be permitted to protect ordinary hazard storage of Class I through Class IV commodities, plastic commodities, miscellaneous storage, and other storage as specified in Chapter 12 through Chapter 20 or by other NFPA Standards."

Reviewed in 2008 and deemed applicable to NZS 4541:2007

Does the committee accept that the above NFPA clause is carried over to

- (a) Situation One (above);
- (b) Situation Two; or
- (c) Both?