

Gaseous suppression — design concentrations

NFPA 2001 / ISO 14520

Minimum design concentrations for common clean-agent suppression systems (Class A surface fires).

Reference table

Agent | Min design concentration (% v/v) | NOAEL (%)

IG-541 (Inergen) | 37.9 | 43

IG-55 (Argonite) | 37.9 | 43

IG-100 (Nitrogen) | 40.3 | 43

IG-01 (Argon) | 39.0 | 43

FK-5-1-12 (Novec 1230) | 4.2 | 10

HFC-227ea (FM-200) | 6.7 | 9

HFC-125 | 8.0 | 7.5

Notes

- NOAEL = No Observed Adverse Effect Level for human occupied spaces.

Source: NFPA 2001 (2022) Chapter 5; ISO 14520-1.