

ISO 14520-1:2006-02 (E)

Gaseous fire-extinguishing systems - Physical properties and system design - Part 1: General requirements

Contents		Page
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Use and limitations	5
5	Safety	7
6	System design	10
7	Extinguishant system design	16
8	Commissioning and acceptance	24
9	Inspection, maintenance, testing and training	27
Annex A (normative) Working documents		30
Annex B (normative) Determination of flame-extinguishing concentration of gaseous extinguishants by the cup burner method		32
Annex C (normative) Fire extinguishment/area coverage fire test procedure for engineered and pre-engineered extinguishing units		38
Annex D (normative) Method of evaluating inerting concentration of a fire extinguishant		58
Annex E (normative) Door fan test for determining of minimum hold time		60
Annex F (informative) System performance verification		75
Annex G (informative) Safe personnel exposure guidelines		76
Annex H (informative) Flow calculation implementation method and flow calculation verification and testing for approvals		83