

(PREVIEW)

*Indian Standard***GASEOUS FIRE EXTINGUISHING SYSTEMS —
IG 01 EXTINGUISHING SYSTEMS****1 SCOPE**

1.1 This standard sets out specific requirements for the design and installation of total flooding fire extinguishing systems employing IG 01 gas extinguishant. This standard is applicable to single supply as well as distributed supply systems.

1.2 This standard complements various general requirements applicable to all types of gaseous fire-extinguishing systems (Halocarbon as well as inert gas systems) listed in IS 15493. As such, both these standards should be read together before designing a system. Where requirements in both the standards differ, this standard shall take precedence.

1.3 This standard covers systems operating at nominal pressures of 16 MPa at 15°C and 20 MPa at 15°C only.

1.4 Before using IG 01, nature of fire and fire spread shall be studied for suitability of extinguishment, as high discharge time of 60 s may not be suitable for rapid spreading fires.

2 REFERENCES

The standards listed below contain provisions which through reference in this text, constitute provision of this standard. At the time of publication the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

| <i>IS No.</i> | <i>Title</i> |
|---------------|---|
| 7285 : 1988 | Specification for seamless steel cylinders for permanent and high pressure liquefiable gases (<i>second revision</i>) |
| 15493 : 2004 | Gaseous fire extinguishing systems — General requirements |