

Indian Standard

FIRE PROTECTION — AUTOMATIC SPRINKLER SYSTEMS

PART 7 REQUIREMENTS AND TEST METHODS FOR EARLY SUPPRESSION FAST RESPONSE (ESFR) SPRINKLERS

1 Scope

This part of ISO 6182 specifies performance requirements, test methods and marking requirements for fusible element and glass-bulb early suppression fast response (ESFR) sprinklers. It is applicable to ESFR sprinklers with flow constants of 202 ± 8 .

NOTE 1 Requirements for ESFR sprinklers with flow constants other than 202 ± 8 are in preparation.

NOTE 2 All pressure data in this part of ISO 6182 are also given as gauge pressure in bar. The correct SI unit for pressure is the pascal (Pa) ($1 \text{ bar} = 10^5 \text{ N/m}^2 = 0,1 \text{ MPa}$).

2 Normative reference

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 7-1:1994, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation*