
**Fire protection — Automatic sprinkler
systems —**

**Part 11:
Requirements and test methods for pipe
hangers**

*Protection contre l'incendie — Systèmes d'extinction automatiques du
type sprinkler —*

*Partie 11: Exigences et méthodes d'essai relatives aux dispositifs de
fixation des conduites*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6182-11 was prepared by Technical Committee ISO/TC 21, *Equipment for fire protection and fire fighting*, Subcommittee SC 5, *Sprinkler and water spray extinguishing systems*.

ISO 6182 consists of the following parts, under the general title *Fire protection — Automatic sprinkler systems*:

- *Part 1: Requirements and test methods for sprinklers*
- *Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms*
- *Part 3: Requirements and test methods for dry pipe valves*
- *Part 4: Requirements and test methods for quick-opening devices*
- *Part 5: Requirements and test methods for deluge valves*
- *Part 7: Requirements and test methods for early suppression fast response (ESFR) sprinklers*
- *Part 9: Requirements and test methods for water mist nozzles*
- *Part 11: Requirements and test methods for pipe hangers*

The following part is under preparation:

- *Part 10: Requirements and test methods for domestic sprinklers*

Fire protection — Automatic sprinkler systems —

Part 11:

Requirements and test methods for pipe hangers

1 Scope

This part of ISO 6182 specifies performance requirements, test methods and marking requirements for pipe hangers.

2 Normative references

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 1460, *Metallic coatings — Hot dip galvanized coating on ferrous material — Gravimetric determination of the mass per unit area*

ISO 2064, *Metallic and other inorganic coatings — Definitions and conventions concerning the measurements of thickness*

ISO 2178, *Non-magnetic coatings on magnetic substrates — Measurement of coating thickness — Magnetic method*

ISO 3575:1996, *Continuous hot-dip zinc-coated carbon steel sheet of commercial, lock-forming and drawing qualities*

ISO 4998:1996, *Continuous hot-dip zinc-coated carbon steel sheet of structural quality*

ASTM B568, *Standard test method for measurement of coating thickness by X-ray spectrometry*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

band hanger

type of hanger that is adjustable and utilizes a band looped around the pipe

3.1.1

adjustable swivel band hanger

type of band hanger that is adjustable and swivels

3.2

bracket

cantilever-type hanger that is attached directly to a vertical surface of the building structure