



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 15090-2026

Replacing GB 15090-2005

Fire hose reel

消防软管卷盘

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB 15090-2005 "Fire Hose Reels". Compared with GB 15090-2005, the main differences are structural adjustments and editorial changes. In addition, the main technological changes are as follows:

- a) Terms and definitions have been changed (see Chapter 3, Chapter 3 of the.2005 edition);
- b) The fire hose reel model has been changed (see 4.2,.2005 edition 4.2);
- c) Structural requirements have been changed (see 5.2, 6.2, 6.10 in the.2005 edition);
- d) The basic technical parameters of the fire hose reel, such as rated working pressure, range, and flow rate, have been changed (see Table 2 in 5.3,.2005 edition). Table 1 in section 4.1)
- e) The spraying performance requirements and test methods have been changed (see 5.3, 6.3, and 6.1 in the.2005 edition);
- f) Added requirements and test methods for spray water flow (see 5.4, 6.4);
- g) The performance requirements and test methods for spray guns have been changed (see 5.10, 6.10, and 6.7 of the.2005 edition);
- h) The requirements for the inner diameter and length of the hose have been changed (see 5.11.1,

5.8.1 in the 2005 edition);

1 Scope

GB 15090-2026 rewrites the fire hose reel standard and triples its length, from four thousand words to twelve. It keeps the structure - classification and model, performance requirements, test methods, inspection rules and marking - but broadens the performance requirements and adds the instruction manual to what must be supplied with the product. It replaces GB 15090-2005 from 1 February 2027, which is the date by which a manufacturer must have requalified the reel, the hose, the nozzle and the valve. Issued on 28 January 2026. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the edition it replaces are taken from there. The clause text, the tables and the numeric limits are not reproduced on this page - they are in the document itself, which is delivered in full in English translation.

This document defines the terminology for fire hose reels, and specifies their classification and model designation, performance requirements, inspection rules, marking, and usage instructions. The instruction manual and packaging describe the corresponding testing methods. This document applies to fire hose reels for water, dry powder, and foam extinguishing agents.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 197 Tolerances for Standard Threads

GB/T 1173 Cast aluminum alloys

GB/T 1176 Cast copper and copper alloys GB 6246 Fire hoses

GB/T 13927 Pressure Testing of Industrial Valves

GB/T 15115 Die-cast aluminum alloys

GB/T 15116 Die-cast copper alloys and copper alloy die castings

JB/T 7444 Air Thermal Aging Test Chamber

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 It consists of valves, inlet pipes, discs, reel, hoses, and spray guns, and can spray extinguishing agent while rapidly deploying the hose. Firearms.

Note. This document is referred to as hose reel.

3.2 Water hose reel Hose reel for delivering water extinguishing agent.

3.3 Dry powder hose reel Hose reel for conveying dry powder fire extinguishing agent.

3.4 Foam hose reel Hose reel for delivering foam extinguishing agent.