

ICS 65.060.80

CCS C84



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

GB/T 10280-2008

Replacing GB/T 10280-1999

Forestry machinery - Portable pneumatic fire extinguisher

林业机械 便携式风力灭火机

Issued on: December 11, 2008

Implemented on: June 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard replaces GB/T 10280-1999 "Portable pneumatic extinguishers technical conditions", GB/T 10281-1999 "Portable Wind Extinguishers bench test method. " This standard and GB/T 10280-1999, the main changes compared to the GB/T 10281-1999 as follows:

- a) modify the standard name to include GB/T 10281 relevant content;
- b) modify the normative references;
- c) an increase of terms and definitions;
- d) the model designation of the "main argument" by a "2.5m wind speed at 22m/s" to "effective fire from the wind and export Wind ";
- e) increasing the "effective fire from the wind", "export wind", "wind speed wind speed critical point of extinguishing" in overall performance requirements, "the wind Length of the barrel "and" curb weight "requirement;
- f) Remove the GB/T 10280-1999 in "complete fan total pressure efficiency" requirement content;
- g) Reliability Test "continuous operation" from the original 24h becomes 5h, and to increase the starting secondary requirement;
- h) Remove the GB /10281-1999 the content T "fan performance test";
- i) to increase the overall performance requirements of the terms given in the corresponding test methods;
- j) revise the judgment sampling principle;
- k) modify the contents of the original section of Appendix A. Appendix A of this standard is a normative appendix. This standard by the National Forestry Machinery Standardization Technical Committee and centralized. This standard is drafted by: China Longjiang Forest Industry (Group) Corporation. Participated in the drafting of this standard. Shandong Huasheng Pesticide Machinery Co., Ltd. Xinglong Forestry Bureau in Heilongjiang

Province, Shaanxi Northwest Forestry Machinery Co., Ltd., Harbin Forestry Machinery Research Institute of the State Forestry Administration. The main drafters of this standard. Lu Jing group, Mengxiang Bin, Sun Juan, Meng Qingliang, Zhang Zhiyi, Liu Lei, Yang Xuefeng. This standard replaces the standards previously issued as follows:

--- GB/T 10280-1988, GB/T 10280-1999;

--- GB/T 10281-1988, GB/T 10281-1999. Forestry machinery - Portable pneumatic fire extinguisher

1 Scope

GB/T 10280-2008 is the Chinese national standard on forestry machinery - portable pneumatic fire extinguisher, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 June 2009. Classification: ICS 65.060.80, CCS C84. 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 issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions Portable pneumatic extinguishers, model preparation methods, technical requirements, test methods, inspection rules, marking Chi, labels, brochures and packaging, transportation and storage and other content. This standard applies to small gasoline-powered Portable pneumatic extinguishers.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.1997, MOD)

GB 4351.1 Portable fire extinguishers - Part 1. Performance and structural requirements (GB 4351.1-2005, ISO 7165.1999, NEQ)

GB/T 6072.3 reciprocating internal combustion engine performance - Part 3. Test measurements (GB/T 6072.3-2003, ISO 3046-3. 1989, IDT)

GB/T 6388 transport package shipping mark

GB/T 9480 Tractors and machinery for agriculture and forestry, powered lawn and garden equipment - Operator 's manuals (GB/T 9480- 2001, ISO 3600.1996, EQV)

GB 10282 Forestry machinery - Portable pneumatic extinguishers - Safety requirements Determination of

GB/T 10283 Forestry machinery - Portable pneumatic fire extinguisher handle vibration Determination of

GB/T 10284 Forestry machinery - Portable fire extinguisher wind noise

GB 10395.1 Tractors and machinery for agriculture and forestry - Safety requirements - Part 1. General (GB 10395.1-2001, ISO 4254-1. 1989, EQV)

GB/T 13264 percent nonconforming small lot sampling inspection procedures and sample forms

GB/T 13384 mechanical and electrical products packaging General technical conditions

JB/T 5135.3 Universal Small Gasoline technical conditions

JB/T 10563 technical conditions for general purposes centrifugal fan

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Single carried and operated by a small gasoline engine to drive the fan, ejected from the jet tube outlet air flow and speed can meet extinguish Class A fires The low intensity of forest surface fire extinguishing equipment.

Note. The definition of Class A fires see GB 4351.1.

3.2 The flame height is less than 1.5m, fire intensity less than 3140kJ/m fire.