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

GB 25115.2-2010

Replacing GB 25115.2-2010

**Safety requirements for industrial laundry machinery - Part 2:
Washing machines and washer-extractors
(English Translation)**

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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 is Part 2 of GB/T 25115 "Safety Requirements for Industrial Washing Machinery". GB/T 25115 has published the following...

part.

---Part 1.General Requirements;

---Part 2.Washing Machines and Washer-Extractors;

---Part 3.Tunnel Washing Machines and Related Machinery;

---Part 4.Dryer;

---Part 5.Ironing Machines, Feeders, and Folding Machines;

---Part 6.Ironing Machines and Adhesive Machines.

This document supersedes GB 25115.2-2010 "Safety Requirements for Industrial Washing Machinery Part 2.Washing Machines and Washer-Extractors", and is consistent with...

Compared with GB 25115.2-2010, apart from structural adjustments and editorial changes, the main technical changes are as follows.

- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2010 edition);
- b) The hazards arising from energy supply and control system failures have been modified (see 4.8, 2010 version 4.8);
- d) Hazard requirements for tilting machines have been added (see 5.2.9).

This document is modified to adopt ISO 10472-2:1997 "Safety requirements for industrial washing machinery - Part 2: Washing machines and washer-extractors".

The technical differences between this document and ISO 10472-2:1997, and the reasons therefor, are as follows.

- a) The scope has been changed (see Chapter 1) to comply with the requirements for drafting Chinese standards;
- b) Modified the hazards caused by abnormal machine operation (see 4.8.1), further refined the energy hazards, and improved operability;
- c) The control system faults (see 4.8.2) have been modified, and the hazards of the control system have been further refined to improve operability;
- d) The hazards caused by accidental ejection of machine parts (see 4.9) have been modified to suit our country's technical conditions;
- e) ISO 10472-1 (see 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8) has been replaced by the normatively referenced GB/T 25115.1.
(5.11, Chapter 6, Chapter 7), to facilitate the reading and application of the standard;
- f) Hazard requirements for tilting machines have been added (see 5.2.9) to adapt to my country's technical conditions;
- g) ISO 13852:1996 (see 5.2.1, Chapter 6) and ISO 13853 have been replaced by the normatively referenced GB/T 23821-2022.

(See Chapter 6) to adapt to my country's technological conditions;

- h) EN 953:1997 (see 5.2.5.1, Chapter 6) has been replaced with the normatively referenced GB/T 8196-2018 to adapt to my country's national standards.

Technical conditions;

- i) EN 1760-1:1997 (see 5.2.5.1, Chapter 6) has been replaced with the normatively referenced GB/T 17454.1 to adapt to my country's technical standards.

Technical conditions;

- j) EN 1760-2 (see 5.2.5.1, Chapter 6) has been replaced with the normatively referenced GB/T 17454.2 to adapt to my country's technical requirements.

condition;

k) Replace ISO /T R12100-1.1992 (see 5.2.5.1, 5.2.5.2, and section 6) with the normatively referenced GB/T 15706-2012.

l) EN349.1993 (see 5.2.7, Chapter 6) has been replaced with the normatively referenced GB/T 12265-2021 to adapt to my country's technical standards.

Technical conditions;

m) IEC 335-1.1991 (see 5.3, Chapter 6) has been replaced with the normatively referenced GB/T 4706.1 to adapt to my country's technical requirements.

condition;

n) IEC 335-2-7.1993 (see 5.3, Chapter 6) has been replaced with the normatively referenced GB/T 4706.24 to adapt to my country's technical requirements.

condition;

o) EN60204-1.1992 (see 5.3, Chapter 6) has been replaced with the normatively referenced GB/T 5226.1 to adapt to Chinese technical standards.

condition;

p) ISO 14119.1998 (see 5.4.3, 5.6.3.1, 5.10, and section 6) has been replaced by the normatively referenced GB/T 18831-2017.

Chapter), to adapt to my country's technological conditions;

q) ISO 13849-1.1999 (see 5.8.2, Chapter 6) has been replaced with the normatively referenced GB/T 16855.1-2025 to suit my needs.

The country's technological conditions;

r) EN1037.1995 (see Chapter 6) has been replaced with the normatively referenced GB/T 19670 to adapt to my country's technical conditions.

The following editorial changes have been made to this document.

---Informative reference to EN1050 has been removed.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

This document is under the jurisdiction of the National Technical Committee on Standardization of Light Industrial Machinery (SAC/TC101).

Introduction

GB/T 25115 "Safety Requirements for Industrial Washing Machinery" is proposed to consist of six parts.

---Part 1.General Requirements. The purpose is to identify the hazards of industrial washing machinery and establish general safety requirements.

---Part 2.Washing Machines and Washer-Extractors. The purpose is to determine specific safety requirements for products such as washing machines and washer-extractors.

---Part 3.Tunnel Washing Machines and Related Machinery. The purpose is to identify tunnel washing machines and related machinery.

Specific security requirements.

---Part 4.Dryers. The purpose is to determine the specific requirements for dryer products.

---Part 5.Ironing Machines, Feeders, and Folding Machines. The purpose is to determine the specific safety features of products such as ironing machines, feeders, and folding machines.

All requirements.

---Part 6.Ironing and Bonding Machines. The purpose is to determine specific safety requirements for products such as ironing and bonding machines.

ISO 10472 (all parts) is structured into several parts, consisting of general requirements and related equipment-specific requirements. Part 1 is...

The general requirements are listed above, while the other sections are product-specific requirements. For products covered by the specific requirements, their safety requirements are the general requirements combined with the specific requirements.

The requirements are used in combination, with specific requirements including supplements and modifications to the corresponding clauses in the general requirements, to provide a complete description for each product.

Require.

Safety requirements for industrial washing machinery

Part 2.Washing Machines and Washer Extractors

1 Scope

This document specifies the safety requirements for washing machines and washer-dehydrators with a net capacity greater than 60L.

This document does not apply to chemical supply pumps, vapor valves and supply piping,