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

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**Closed-circuit dry-cleaning machines - Defining and checking
of machine characteristics**

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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 equivalent to ISO 8232.1988 "Definition of closed dry cleaning machines and inspection of machine characteristics".

This document adds a chapter "Normative References".

This document has made the following minimal editorial changes.

---Amend ISO 8230.1997 to GB 25116-2010 in scope and references;

---The chapter number 7.1 "Applicable Conditions" has been added, and the other chapter numbers in this chapter have been postponed.

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

1 Scope

This document describes test methods applicable to enclosed dry cleaning machines and their following characteristics.

---Solvent consumption;

---Solvent recovery efficiency during drying process;

---Solvent concentration in the atmosphere around a closed dry cleaning machine.

For safety requirements for enclosed dry cleaning machines, see GB 25116-2010.

2 Normative reference documents

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

closed-circuit dry-cleaning machine

Dry cleaning machines with solvent recovery systems in all stages of cleaning, including washing, drying and deodorizing clothes, can avoid.

---Any leakage between the factory and the surroundings of the machine (including inside the machine and pipes);

---Waste discharge (except water, excluding undissolved solvent in the separator siphon).

Note. This definition does not take into account solvent purification operations.

3.2

The amount of solvent consumed by a dry cleaning machine to clean the rated capacity of clothing when the dry cleaning machine cycles according to the standard test program.

Note 1. The unit is liter (L).

Note 2. It can also be expressed as a percentage of nominal capacity.

4.1 Standard test procedures

One or both of the following procedures should be used.

---When using standard test program cycles to significantly change machine performance, the program specifically required by the "manufacturer" should be used;

---The standard test procedure is shown in Table 1. The drying inlet temperature is 78 degrees C $\pm$ 2 degrees C and the outlet temperature is 58 degrees C $\pm$ 2 degrees C.

NOTE 1. For a given machine, the selected cycles are the same for the entire test series.

Note 2. If the machine uses solvents other than PCE, only use the "Manufacturer" cycle.