

ICS 13.120
CCS K 09



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

GB 4706.89-2008

**Household and similar electrical appliances -- Safety --
Particular requirements for high pressure cleaners and steam
cleaners, for industrial and commercial use**

(English Translation)

Issued on: June 13, 2008

Implemented on: July 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine**

Table of Contents

Foreword	4
IEC Foreword	6
1 Scope	9
2 Definitions	9
3 General Requirement	11
4 General Conditions for the Tests	11
5 Void	12
6 Classification	12
7 Marking and Instructions	13
8 Protection against Access to Live Parts	15
9 Starting of Motor-Operated Appliances	16
10 Input Power and Current	16
11 Heating	16
12 Void	17
13 Leakage Current and Dielectric Strength at Operating Temperature	17
14 Void	18
15 Moisture Resistance	18
16 Leakage Current and Electric Strength	19
17 Overload Protection of Transformers and Associated Circuits	19
18 Endurance	19
19 Abnormal Operation	20
20 Stability and Mechanical Hazards	23
21 Mechanical Strength	24
22 Construction	25
23 Internal Wiring	28
24 Components	28
25 Supply Connection and External Flexible Cords	29
26 Terminals for External Conductors	30
27 Provisions for Earthing	30
28 Screws and Connections	30
29 Creepage Distances, Clearances and Distances through Insulation	30
30 Resistance to Heat, Fire and Tracking	30

31 Resistance to Rusting	30
32 Radiation, Toxicity and Similar Hazards	30
Figures	31
Appendix A (Normative) Normative References	33

1 Scope

This clause of GB 4706.1-19981 is applicable except as follows.

Addition.

This Part applies to high pressure cleaners having a pressure not less than 25×10^5 Pa (25 bar) and not more than 250×10^5 Pa (250 bar) with an input to the drive for the high-pressure pump not exceeding 10 kW. It also applies to steam cleaners having a usable volume of the water container equal to or greater than 1.5L even if the pressure is less than 25×10^5 Pa (25 bar).

This Part also applies to fixed appliances within the limits of the previous paragraph.

It is also applicable to appliances making use of other forms of energy for the motor; but it is necessary that their influence is taken into consideration.

Modification.

Replace the first two dashed paragraphs of note 3 by.

- appliances that are incorporated in process equipment;
- appliances intended to be used in locations where special conditions prevail, such as the presence of corrosive or explosive atmosphere (vapor or gas).

2 Definitions

This clause of GB 4706.1-1998 is applicable except as follows.

2.2.9

Such sub-clause is replaced as follows.

Normal operation

GB/T 4706.45-2024 | GB/T 4706.48-2024 | GB/T 4706.53-2024 | GB/T 4706.83-2024 |