

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

SN/T 3480.5-2019

**Technical requirements for inspection of complete sets of
equipment for imported electronics and electrical industry. Part
5: Special equipment for motor manufacturing
(English Translation)**

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Foreword

There are 5 parts in the SN/T 3480 "Technical Requirements for the Inspection of Complete Equipment for Imported Electronic and Electrical Industries".

- Part 1. Surface mount equipment for printed circuit boards;
- Part 2. Special equipment for wire and cable manufacturing;
- Part 3. Special equipment for flat panel display manufacturing;
- Part 4. Semiconductor packaging test equipment;
- Part 5. Special equipment for motor manufacturing.

This part is the fifth part of Sn/T 3480.

This section is drafted according to the requirements of GB/T 1.1-2009.

Please note that some of this section may involve patents. The issuing authority of this section is not responsible for identifying these patents.

This section is proposed and managed by the General Administration of Customs of the People's Republic of China.

1 Scope

This part of SN/T 3480 specifies the inspection technical requirements for special equipment for imported motor manufacturing.

This section applies to the inspection of special equipment for motor manufacturing (see Appendix A) as defined in 3.1.

The equipment can also be used by reference.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this document.

file. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2900.39 Electrical terminology Motor, transformer special equipment GB/T 16679 Noise sound pressure level measurement method for metal cutting machine tools SN/T 3700-2013 General requirements for inspection technical requirements for import and export complete sets of equipment

3 Terms and definitions

The terms and definitions defined in GB/T 2900.39, Sn/T 3700-2013 and the following apply to this document.

Equipment, insulation treatment equipment and other equipment.

4.1 General requirements

The general requirements for the technical requirements for inspection of special equipment for motor manufacturing shall comply with the requirements of Article 4.1 of Sn/T 3700-2013.

4.2.1 Machinery safety requirements

4.2.1.1

shall meet the requirements of Article 4.2.2 of Sn/T 3700-2013.

4.2.1.2

There should be an emergency stop button in the obvious operating position; the equipment will stop due to failure or power failure. When the failure is removed or the power is restored After that, press the start or reset button to continue working.

4.2.2 Electrical safety requirements

4.2.2.1

It shall meet the requirements of Article 4.2.3 of Sn/T 3700.

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4.2.2.2

When using 500V and above insulation resistance tester to measure between the electrical circuit of the electrical control device and the grounding device, the edge resistance should not be less than 1Mohm.

4.2.2.3

The fluting machine shall have good over-voltage and over-current protection.

4.2.2.4

Small motor stator end binding machine, small stator end shaper, small motor stator winding wire winding machine should be connected after installation the ground and ground connection should be reliable and firm.

4.2.2.5

Use a ground resistance tester to measure between the ground terminal of the electrical control device and any metal component equipped with electrical appliances.

The measurement result should not be greater than 0.1ohm.

4.2.3 Requirements for safety protection devices and warning methods

4.2.3.1

It shall meet the requirements of Article 4.2.4 of Sn/T 3700-2013.

4.2.3.2

The pedal device of the notching machine and the exposed parts of the equipment running at high speed shall be protected.

4.2.4 Non-mechanical safety requirements

It shall meet the requirements of Article 4.2.5 of Sn/T 3700-2013.

4.2.5 Material and material safety requirements

It shall meet the requirements of Article 4.2.6 of Sn/T 3700-2013.

4.2.6 Ergonomic requirements

It shall meet the requirements of Article 4.2.7 of Sn/T 3700-2013.

4.2.7 Information requirements

4.2.7.1

It shall meet the requirements of Article 4.2.8 of Sn/T 3700-2013.

4.2.7.2

There should be various signs such as lubrication, operation and safety that meet the requirements of the regulations, and they can be kept clear for a long time.

4.2.7.3

The notching machine shall have various signs or signs indicating the requirements for lubrication, safe operation, etc., and zero-rotation motors, flywheels, etc.

For the parts, the arrow of correct rotation direction should be marked on the conspicuous part.

4.2.8 Other related requirements

4.2.8.1

It shall meet the requirements of 4.2.2.9.1, 4.2.2.9.2, 4.2.9.3, 4.2.2.9.4, 4.4.2 of SN/T 3700-2013. 2.9.6, 4.2.9.7, 4.2.9.8 Claim.

4.2.8.2

The micro-motor commutator's lower engraving machine shall have an air pressure detection alarm device. When the air supply pressure is lower than the set lower limit value, the device shall issue an alarm it cannot be started or stopped automatically.

4.3 Requirements for environmental protection projects

4.3.1

It shall meet the requirements of Article 4.3 of Sn/T 3700-2013.

4.3.2

The noise during the operation of special equipment for motor manufacturing shall not be greater than 85 dB (A), unless otherwise specified in the relevant standards or technical documents.

4.3.3

Small motor stator end binding machine, small stator end shaper, slot insulation forming cutting machine, small motor stator winding wire winding the wire machine, wire embedding