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

SN/T 3480.6-2020

**Technical requirements for the inspection of complete sets of
equipment in the imported electronic and electrical industries -
Part 6: Special equipment for ceramic insulator manufacturing
(English Translation)**

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Foreword

SN/T 3480 "Technical Requirements for the Inspection of Complete Equipment for Imported Electronic and Electrical Industries" is a series of standards and has been released the parts are.

-Part 1: Printed circuit board surface mount equipment-Part 2: Special equipment for wire and cable manufacturing-Part 3: Special equipment for flat panel display manufacturing-Part 4: Semiconductor packaging and testing equipment-Part 5: Special equipment for motor manufacturing-Part 6: Special equipment for ceramic insulator manufacturing this part is part 6 of SN/T 3480.

This part was drafted in accordance with the rules given in GB/T 1.1-2009.

Please note that some of the content in this section may involve patents. The issuing organization of this standard does not bear the responsibility for identifying these patents.

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

Drafting organizations of this section. Qingdao Customs of the People's Republic of China, Xiamen Customs of the People's Republic of China.

1 Scope

This part specifies the special equipment for manufacturing ceramic insulators (hereinafter referred to as the ceramic insulator system) in the complete sets of equipment in the imported electronic and electrical industries.

Manufacturing special equipment) inspection technical requirements.

This part is applicable to the inspection of ceramic insulator manufacturing special equipment in complete sets of equipment for imported electronic and electrical industries.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

SN/T 3700-2013 General rules for inspection technical requirements for complete sets of equipment for import and export

3 Terms and definitions

The following terms and definitions defined in SN/T 3700-2013 apply to this document.

Special equipment for manufacturing ceramic insulator Refers to professional equipment and combinations of ceramic insulators that are composed in accordance with certain technological requirements and capable of producing, manufacturing, and processing ceramic insulators. These majors the equipment and its combination have overall process indicators, technical parameters and/or performance indicators.

4.1 General requirements

Special equipment for the manufacture of imported ceramic insulators shall comply with the provisions of Chinese laws and administrative regulations and the relevant safety and environmental regulations of the country.

Mandatory requirements for environmental protection, hygiene and health. If the contract has technical performance requirements, it shall also meet the contract requirements.

4.2.1 Machinery safety requirements

4.2.1.1

The mechanical safety requirements of special equipment for ceramic insulator manufacturing shall meet the requirements of Article 4.2.2 of SN/T 3700-2013.

4.2.1.2

The continuous structure of the feeding screw of the vacuum mud mixer, the joint parts of the extrusion screw should be smoothly transitioned, and the joint surface gap should not exceed 1 mm.

4.2.1.3

The compaction of the cleaning sieve grid should be reliable, and the assembly and disassembly of the sieve grid should be convenient and flexible.

4.2.1.4

The surface of the cleaning sieve should be flat and not warped.

4.2.1.5

The windings of the oil-cooled separator should be completely immersed in transformer oil, and the tank should not leak oil.

4.2.1.6

The mud collecting plates of the suction dredge should be arranged neatly and firmly installed with the suction pipe.

4.2.1.7

The press distributing system should automatically distribute powder materials according to the process requirements, and there should be no obvious powder material leakage.

4.2.2 Requirements for safety protection devices and warning methods

4.2.2.1

The safety protection device and warning mode requirements of special equipment for ceramic insulator manufacturing shall comply with Article 4.2.4 of SN/T 3700-2013 Requirements.

4.2.2.2

The press should be equipped with an interlock device to prevent the movable beam from falling down when it is stopped.

4.2.2.3

For impact crushers and hammer crushers, reliable anti-loosening measures should be taken to observe all fasteners of doors and windows.

4.2.2.4

The working platform of the crusher should be equipped with guardrails to prevent people from falling.

4.2.2.5

The feed inlet of the impact crusher and hammer crusher should use curtains, and install the feed chute at the same time, and adopt protective devices around it.

4.2.2.6

The crusher should have safety protection devices to ensure the safety of starting with materials.

4.2.2.7

During maintenance, measures should be taken to prevent the rotor of the crusher from rotating.

4.2.3 Non-mechanical safety requirements

4.2.3.1

The non-mechanical safety requirements of special equipment for ceramic insulator manufacturing shall meet the requirements of Article 4.2.5 of SN/T 3700-2013.

4.2.3.2

When the press is working normally, the temperature rise of the rolling bearing should not exceed 30 K, and the maximum temperature should not exceed 70 °C; the temperature rise of the sliding guide it should be no more than 15 K, and the highest temperature should be no more than 50 °C.

4.2.3.3

Under normal working conditions of the ball mill, the return temperature of the main bearing should not be higher than 15 K, and the maximum return temperature should not be higher than 55 °C.

4.2.3.4

When the vacuum mud mixer is extruding normally, the temperature rise of the extruded mud section should not exceed 10 K.

4.2.3.5

There should be no dust overflow and material leakage during the cleaning and screen work, and the feeding and discharging process should be smooth.

4.2.4 Use information requirements

4.2.4.1

The use information requirements of special equipment for ceramic insulator manufacturing shall meet the requirements of Article 4.2.8 of SN/T 3700-2013.