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

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Safety technical requirements for feed grinder

饲料粉碎机安全技术要求

(English Translation)

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Foreword

Articles 3.3, 3.4.1, 3.4.3, 3.4.4, 3.5, 3.9, 4.4, and 5.1 of this standard are mandatory, and the rest are recommended. of.

This standard was proposed by the Fisheries Bureau of the Ministry of Agriculture.

This standard is under the jurisdiction of the National Fisheries Standardization Technical Committee Fisheries Machinery Subcommittee.

This standard was drafted. National Fishery Machinery Instrument Quality Supervision and Inspection Center, Jiangsu MUYANG Group.

1 Scope

This standard specifies the requirements for the safety design, manufacture and use of feed mills.

This standard applies to all kinds of hammer type, claw type feed mill (hereinafter referred to as "shredder").

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study if it is possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB 2893 safety color JB/T 6270-1992 Technical conditions of the jaw crusher SB/T 10117 hammer mill

3 Safety design requirements

3.1

The design of the pulverizer shall comply with the provisions of this standard.

3.2

The connection method of each component should be firm and reliable, so as to ensure that it will not be loose due to vibration and other conditions.

3.3 Guards

3.3.1

Exposed rotating parts must have guards. The mesh of the guards should ensure that no part of the human body will touch the rotating parts.

3.3.2

The guard should have sufficient rigidity to ensure that the human body does not deform or displace in time.

3.4 Feeding port

3.4.1

Artificially fed green and roughage (aquatic plants such as grasses and water hyacinths, straws and vines such as wheat straw, corn stover, hawthorn vine) the length of the feeding hopper of the machine shall not be less than 500mm; the height of the feeding hopper platform shall be 700mm~1100mm.

3.4.2

Manually fed cereals (milk, soybean, corn, sweet potato, broken bean cake, etc.) should be equipped with particles that can control the flow of materials.

hopper.

3.4.3

The system automatic feeding mill must be equipped with a protective device to prevent magnetic metal foreign matter from entering the crushing chamber.

3.4.4

There should be a warning sign at the feeding port of the manual feeding pulverizer that "the hand is not allowed to reach when the pulverizer is working".

3.5 The pulverizer shall be equipped with an interlocking device that ensures that the motor cannot be started when the pulverizing chamber door is opened or the pulverizing chamber door is not closed.

A small pulverizer with a power of less than 18.5 kW is not specified, but the manufacturer shall provide a clear warning in the instruction manual).

3.6 The crusher should have overload protection device and grounding mark. A small pulverizer that is not used with an electrical control box at the factory, and is manufactured separately.

The position should be stated in the instruction manual.

3.7 The outer casing and exposed parts of the shredder should be designed to avoid sharp corners and sharp edges that are easy to injure.

3.8 The pulverizer shall indicate the steering of the spindle in a conspicuous position.

3.9 Electrical control boxes and motors should have reliable grounding measures. Small pulverizer without motor at the factory, the manufacturing unit should be in use A clear warning statement is provided in the manual.

4 Manufacturing and acceptance requirements

4.1

The rotor of the pulverizer shall be balanced and verified according to the requirements of the SB/T 10117 hammer mill standard.