ICS 67.260
CCS X 91

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 35325-2017

Grain and oil machinery - Endless screen precleaners

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Issued on: December 29, 2017 **Implemented on: July 1, 2018**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine;
Standardization Administration of the PRC

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard proposed by the State Food Administration. This standard by the National Cereals and Oils Standardization Technical Committee (SAC/TC270) centralized. The main drafting units of this standard. State Grain Reserve Zhengzhou Research Institute of Design, Jiangmen Zhen Machinery Manufacturing Co., Ltd., Jiujiang City Grain and Oil Machinery Plant (Limited). The main drafters of this standard. Wang Rong, Li Kong Cheng, Huang Ping, Laurin, Ma Jian. Cereals and Oils mechanical mesh with the beginning of screening

1 Scope

China's national standard for endless screen precleaners in grain and oil processing. It specifies the terms and definitions, the working principle, the models and basic parameters, the technical requirements, the test methods, the inspection rules and the marking, packaging, storage and transport. Precleaning is the first thing that happens to grain arriving at a mill, and it is protective rather than productive: the point is to take out the straw, stones, string, soil and metal that came in with the crop before any of it reaches a machine that would be damaged. A stone in a roller mill wrecks the rolls; a piece of wire in a whitener does the same; and dust and chaff left in the stream are a dust explosion risk in every conveyor downstream. The endless screen design uses a continuous belt of screen rather than a reciprocating deck, which lets it handle the very high throughputs of an intake line without the vibration a shaking screen imposes on the building.

This standard specifies the terms and definitions of mesh with early Qing sieve, working principle, model, basic parameters, technical requirements, test methods, test rules Then, signs and packaging, storage and transportation requirements. This standard applies to the beginning of grain-based network with early Qing sieve.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document. GBZ 158 Occupational

hazards in the workplace warning labels

GB/T 191 Packaging - Pictorial signs

GB/T 3768 Acoustics sound pressure method for the determination of noise source sound power level above the reflective surface using envelope measurement of surface simple method

GB 5226.1 Safety of machinery - Electrical machinery and electrical equipment - Part 1. General specifications

GB/T 5494 grain and oil inspection of grain, oil impurities, imperfect grain test

GB/T 12620 oblong holes, rectangular holes and holes sieve GB/T 13306 signs

GB/T 24854 General technical requirements for grain and oil mechanical product packaging

GB/T 24855 General technical requirements for grain and oil mechanical assembly General technical requirements for grain and oil mechanical plates and steel plate members

GB/T 24857 General technical requirements for coating of grain and oil machinery products

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Sieve cover sievecover Braided by a metal wire or sheet from the punching, with holes in the screening of working parts collectively.

3.2 Large miscellaneous largeimpurities Grain grains larger than the grains of grain processed by the general terms, including hemp rope, clods, straw, metal and so on.

3.3 Large miscellaneous removal rate largeimpuritiesremovingefficiency Out of the large miscellaneous food contained in the unclean mass contained when the mass fraction.

3.4 A large mix of full grain rates massratioofgraininremovedlargeimpurities Clean up out of the grains contained in the grains of grain accounted for the total mass of the total mass fraction.