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

**GB 25936.2-2012**

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**Rubber and plastics machines - Size reduction machines - Part  
2: Safety requirements for strand pelletisers**

橡胶塑料粉碎机械 第2部分:拉条式切粒机安全要求

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### 1 Scope

This part of GB 25936 lays down the basic safety requirements for the design and the manufacture of strand pelletisers used to process rubber and plastics.

It applies to strand pelletisers used to pelletise rubber and plastics material fed continuously from a reactor or from an extruder.

The machine covered by this part begins at the feed opening of the feeding device of the strand pelletiser - or, where a starting device is fitted, at that starting device - and ends at the discharge area.

### 2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the edition cited applies; for undated references, the latest edition, including all amendments, applies.

Acoustics: GB/T 3767, determination of sound power levels of noise sources using sound pressure, engineering method in an approximately free field over a reflecting plane; GB/T 3768, survey method using an enveloping measurement surface over a reflecting plane; GB/T 6881.1, precision method for reverberation rooms; GB/T 6881.2 and GB/T 6881.3, engineering methods for small movable sources in reverberant fields, hard-walled test room comparison method and special reverberation test room method; GB/T 6882, precision methods for anechoic and hemi-anechoic rooms; GB/T 16404 Part 1 and GB/T 16404.2, sound intensity method, measurement at discrete points and by scanning; GB/T 16538, comparison method in situ.

Noise at work stations and noise declaration: GB/T 17248.2, GB/T 17248.3, GB/T 17248.4 and GB/T 17248.5, measurement of emission sound pressure levels at work stations and at other specified positions; GB/T 14574, declaration and verification of noise emission values of machinery and equipment; GB/T 25078.1, recommended practice for the design of low-noise machinery and equipment, Part 1, planning.

Explosive atmospheres: GB 3836.1 to GB 3836.7, covering general requirements and equipment protected by flameproof enclosures d, increased safety e, intrinsic safety i,

pressurized enclosures p, oil immersion o and powder filling q. GB 4208-2008, degrees of protection provided by enclosures, IP code. GB 5226.1-2008, electrical equipment of machines, Part 1, general requirements.

Machinery safety: GB/T 8196-2003, guards, general requirements for the design and construction of fixed and movable guards; GB/T 15706.1 and GB/T 15706.2-2007, basic concepts and general principles for design, basic terminology and methodology and technical principles; GB 16754, emergency stop, principles for design; GB/T 16855.1-2008, safety-related parts of control systems, Part 1, general principles for design; GB/T 18153, temperature of touchable surfaces, ergonomics data for establishing temperature limit values for hot surfaces; GB/T 18831, interlocking devices associated with guards, principles for design and selection; GB/T 19670, prevention of unexpected start-up; GB 23821-2009, safety distances to prevent hazard zones being reached by the upper and lower limbs.

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in GB/T 15706.1 and the following apply.

3.1 strand pelletiser: a machine that cuts strand-shaped rubber or plastics material into regular pellets inside its cutting chamber. The printed definition then continues on the subject of adjusting the rotating cutter and the feed roll, but the sentence runs past the foot of the last page available in the scan and the remainder was not read.