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AQ

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

AQ 4232-2025

Replacing AQ 4232-2013

**Safety specification for dust explosion protection in rubber and
plastic processing system**

橡胶和塑料制品加工系统粉尘防爆安全规范

(English Translation)

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What this standard covers

This standard specifies the classification and scope of dust explosion hazard zones in rubber and plastic product processing systems, basic requirements, building (structure) requirements, process system and equipment requirements, dust removal system requirements, explosion control measures, and operational safety management requirements, and describes the corresponding verification methods. This standard applies to the dust explosion-proof safety management of production, processing, storage, transportation, or recycling systems for rubber, plastic, and resin granules or powders, including tire manufacturing, rubber or plastic sheet, belt, pipe, and ring manufacturing, electrostatic powder coating, and other processes that generate rubber, plastic, and resin dust, such as crushing, polishing, and grinding.

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