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PEOPLE'S REPUBLIC OF CHINA**

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**Bagged instant noodle automatic packaging lines - General
technical requirements**

袋装方便面全自动包装生产线 通用技术要求

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Foreword

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1 Scope

China's national general technical requirements for automatic packaging lines for bagged instant noodles. It specifies the terms and definitions, the model, the type and the composition of the line. China makes and eats more instant noodles than the rest of the

world combined - the annual figure is in the tens of billions of packets - and the packaging line is what determines the cost of each one. The line takes fried or dried noodle blocks from the process, inserts the seasoning sachets, wraps and seals the bag, checks the weight and the seal, and cases the result, at rates of several hundred packets a minute. The requirements that matter are seal integrity, because a bag that leaks admits moisture and the noodle block goes stale and rancid; sachet presence, since a packet missing its seasoning is a complaint; and the metal and weight checking that catches what the line itself may have introduced.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Graphical signs of packaging, storage and transportation

GB 2894 Safety Signs and Guidelines for their Use

GB/T 5226.1-2019 Mechanical and Electrical Safety Mechanical and Electrical Equipment Part

GB/T 6543 Single corrugated carton and double corrugated carton for transport packaging

GB/T 7311 Packaging Machinery Classification and Model Compilation Method

GB/T 7932 General rules and safety requirements for pneumatic systems and their components

GB/T 8196 General requirements for the design and manufacture of fixed and movable guards for mechanical safety guards

GB/T 9969 General Principles of Instruction Manual for Industrial Products

GB/T 12325 Power Quality Supply Voltage Deviation

GB/T 13277.1-2008 Compressed Air Part

3 Terms and Definitions

The following terms and definitions apply to this document.