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

GB/T 35187-2017

Technical regulations for cotton bale data management

棉包信息管理技术规程

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the China Federation of Supply and Marketing Cooperatives. This standard by the National Cotton Processing Standardization Technical Committee (SAC/TC407) centralized. This standard was drafted unit. Beijing Zhongmian Machinery Co., Ltd. complete sets of equipment, Xinjiang Production and Construction Corps Fifth Division Cotton Company, China Supply and Marketing Cooperatives Zhengzhou Cotton and Linen Engineering Technology Design Institute, China Supply and Marketing Group Xinjiang Co., Ltd., Xinjiang Jinmian Cotton Co., Ltd. Secretary, Xinjiang Production and Construction Corps second division twenty-nine group cotton processing plant. The main drafters of this standard. Han Jin, Shen Jieqiang, Shi Dai, Gu Xin, Chen Yue, Yang Yali, Wang Limin, Wang Ruixia, Fang Hu, Zhao Wensheng, Chen Li. Cotton bag information management technical regulations

1 Scope

China's national regulation for managing the data attached to cotton bales. It specifies the bale information, the cotton bar code, the management of that information and the security of its storage, and it applies to information technology management of cotton bales in cotton processing enterprises. A cotton bale is the unit in which the crop moves, and it is not fungible: each bale has a grade, a staple length, a micronaire reading, a colour and a trash content, and a spinner buying cotton is buying those numbers rather than a weight. Traditionally they travelled on a paper tag, which meant they could be lost, altered, or simply never read again. Bar coding the bale ties the physical object to a record that stays with it from the gin through the warehouse to the mill, and it is what allows a spinner to lay down a laydown of bales whose properties average to what the yarn needs. The provision on storage security is not decorative: the record determines the price, so an unprotected database is a commercial liability.

This standard specifies the bales of information, cotton bar code, bales information management, information storage security. This standard applies to cotton processing enterprises cotton bag information technology management.

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.

GB 1103.1 Cotton Part 1. Serrated processing of fine cotton

GB/T 2260 People's Republic of China administrative divisions code GB 6975 cotton packaging

GB/T 15425 product bar code 128 bar code

GB/T 20273 Information security technology database management system security technical requirements

3 Bales information

3.1 Cotton bag information should include bale processing information, bale notarized inspection information and batch information.

3.2 bale processing information should include the area code, processing company number, production date, gross weight, processing time, moisture regain, processing type, net Heavy, seed cotton grade, production line number, the annual flow package number.

3.3 notarization notarization test information should include the inspection agency name, inspection date, product name, color level, length level, micronaire value, fracture ratio Intensity and so on.

3.4 The same batch of bales should come from the same production line of the same cotton year.

3.5 lot number consists of 11 digits, generating rules should be consistent with the provisions of Table 1. Table 1 batch number generation rules Digits (from left to right) Meaning explanation 1 ~ 2 area code Should be consistent with the GB/T 2260 provinces, autonomous regions and municipalities, special administrative codes Provisions 3 ~ 5 processing company number Number from 001 to 999. Prepared by China Fiber Inspection Bureau, in the same area Do not repeat within. Regional code and processing business number together constitute the processing business code, Processing company code is unique 6 to 7 cotton annuals such as 15 represents the.2015 cotton annual

8 production line number and cotton bar code corresponding to the number

9 to 11 batches of the same lotus number within the same year according to different production lines from 001 to 999 in order to increase