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YC

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

YC/T 205-2017

Replacing YC/T 205-2006

**Tobacco and tobacco products - Warehouse - Design
specification
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces YC/T 205-2006 "Design Code for Tobacco and Tobacco Products Warehouse". Compared with YC/T 205-2006, except the main technical changes outside the editorial revision are as follows.

--- "Scope" regulates the name and classification of the warehouse, adding a broken leaf warehouse and remanufactured tobacco warehouse. The revised scope basically covers Tobacco and tobacco products in the main industrial chain of cigarettes.

--- "The site selection, general plan and transportation of the reservoir area" added technical measures for the roads, truck scales and logistics squares in the reservoir area.

--- Added "terms and definitions" to modify the original "main room air temperature and humidity requirements and storage main indicators" to "process design", will the original "Electrical and Computer Management" was revised to "Electrical and Information System".

--- "Process Design" has revised the indoor air temperature and humidity requirements of tobacco warehouses and finished cigarette warehouses, and increased the warehouse for cigarettes for turnover.

Indoor air temperature and humidity requirements for reconstituted tobacco warehouses.

--- "Process design" added storage-type shelves, shuttle plate dense library, automated stereo library, three-tier pallet racks, frame rails and other storage Storage index.

--- "Process design" to increase the choice of storage methods, material stacking requirements, mechanical transport requirements, insecticide methods and treatment the content of the measure.

--- "Building structure" added technical measures for moisture, cleaning, insulation, hole sealing and foundation treatment of the warehouse.

--- "Electrical and Information System" modified the technical measures of lighting distribution, lightning protection and grounding, and increased information network system,

voice communication Technical measures for information management systems such as systems, integrated wiring systems, security systems, and warehouse management systems.

--- "Heating, ventilation and air conditioning" modified the ventilation, dehumidification and air conditioning of the finished cigarette warehouse and the cigarette warehouse for alcoholization Technical measures have increased technical measures for ventilation, dehumidification and air conditioning in the shredded leaf warehouse, remanufactured tobacco warehouse, and revolving tobacco warehouse.

The technical measures for the treatment of phosphine gas in the fumigation warehouse were added.

--- Incorporate "materials and other" in "building fire" and "heating, ventilation and air conditioning" in the "building structure" into the "fire" chapter, the content related to prevention is independent.

--- "Fire" modified building fire, fire power and distribution, automatic fire alarm, fire water supply, smoke control, ventilation and air conditioning Related technical measures.

--- Each chapter is comprehensive based on the latest national and industry standards, norms and experience and results of warehouse construction in recent years.

Revised.

1 Scope

This standard specifies the technical requirements for the design of tobacco and tobacco product warehouses.

This standard applies to newly built, rebuilt, expanded original tobacco warehouses, tobacco warehouses, tobacco stem warehouses, broken leaf warehouses, reconstituted tobacco warehouses, and cigarettes.

Warehouse for goods warehouses and materials for tobacco.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 18354-2006 Logistics terminology GB/T 18771.2-2015 Tobacco terminology Part 2. Tobacco products and tobacco processing GB 50016-2014 Building Design Fire Code GB 50057 lightning protection design code for buildings GB 50084-2001 (2005 edition) Design

specifications for sprinkler systems GB 50116-2013 Fire automatic alarm system design specification GB 50140 Building Fire Extinguisher Configuration Design Specification GB 50176-1993 Civil Building Thermal Design Code GB 50311 Integrated wiring system engineering design specification GB 50348 Safety Engineering Technical Specifications GB 50974-2014 Technical specification for fire water supply and fire hydrant systems JGJ79 Building Foundation Treatment Technical Specifications YC/T 137 double-baked tobacco packaging corrugated carton packaging YC/T 395-2011 Specification for phosphine fumigation tail gas purification in tobacco leaf warehouse

3 Terms and definitions

GB/T 18354-2006, GB/T 18771.2-2015, GB 50016-2014 and the following terms and definitions apply to this file. For ease of use, the following is repeated in GB/T 18354-2006, GB/T 18771.2-2015, GB 50016-2014.

Some terms and definitions.

Early-cured tobacco curedtobacco; rawtobacco Tobacco leaves that have not been re-roasted after preparation.

Note: It can also be called raw smoke.

[GB/T 18771.2-2015, definition 3.2] 3.2 Piece of tobacco strips;lamina Tobacco leaves after threshing or stalking.