

ICS 65.160
CCS X 85

YC

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

YC/T 9-2006

Replacing YC/T 9-2006

**Cigarette Factory design specifications
(English Translation)**

Issued on: October 21, 2015

Implemented on: December 1, 2015

Issued by: State Tobacco Monopoly Administration

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Foreword

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

This standard replaces YC/T 9-2006 "Cigarette Factory Design Code". Compared with YC/T 9-2006, in addition to editorial modification of the main technology the changes are as follows.

--- "Technology" revision fully reflects the characteristics of Chinese-style cigarette technology innovation;

- the original standard "process" in the "raw material turnover, preparation and recipe leaves group", "material preparation, finished product turnover" into the "silk", "volume Then "and" logistics ";

--- "technology" to increase the group processing, paper recycling tobacco processing, leaf yarn feeding and other new technology and new technology;

--- "process" to increase the "silk test line", "flavor spices preparation";

- "process" in the "process pipeline" to "process material delivery";
- Remove the "Technology Center" section, the "Tobacco Quality Inspection Center" to "quality inspection";
- "Logistics" in the tobacco formula, accessories balance, finished product turnover logistics system design requirements for a more detailed description, increase the filter Rod solidification, spare parts, in the product storage (semi-finished silk, finished silk box storage) and other logistics system design;
- "production automation and management information" to "intelligent control and information technology", and increase the "production execution system", "information facilities System ", " security system ", " room engineering ";
- "electricity" to "electrical"; delete "repair";
- "environmental protection and occupational safety and health" to "environmental protection", "occupational safety and health";
- "general layout and transportation" to increase the "vertical design", "the main technical and economic indicators" and its calculation method;
- "building, structure" in the "building fire" content into the "fire" in;
- "power" to increase the "condensate recovery station" and "fuel supply system";
- to further enrich the "fire" chapter;
- "energy saving" chapter increased the "building energy", "process energy", "electrical energy", "water supply and drainage", "HVAC", "power section can ", " pipeline energy ", " control energy ";
- civil and public works chapters, "energy", "environmental protection" chapter of the amendment fully embodies the "green studio" requirements;
- The chapters are fully revised according to the latest standards, specifications and experience and results of the technological transformation of the cigarette factory in recent years.

This standard by the National Tobacco Standardization Technical Committee of Engineering Subcommittee (TC144/SC5) centralized.

The drafting unit of this standard. National Tobacco Monopoly Bureau Development Planning Division, China Tobacco Corporation Zhengzhou Tobacco Research Institute, China Tobacco Corporation Hefei Design Institute, Zhejiang Tobacco Industry Co., Ltd., Shanghai Tobacco Group Co., Ltd., Hunan Tobacco Industry Co., Ltd., Fu (Hong Kong Tobacco (Group) Co., Ltd., Hongyun Tobacco (Group) Co., Ltd., Jilin Tobacco (Group) Co., Grass Industry Co., Ltd., Machinery Industry Sixth Design and Research Institute Co., Ltd., China Wuzhou Engineering Design Group Co., Ltd., China Haicheng Engineering

Technology Co., Ltd., China Light Industry Chengdu Design Engineering Co., Ltd.

Introduction

Cigarette factory construction should implement the relevant national laws and regulations and the State Tobacco Monopoly Bureau of fixed assets investment policies and regulations, in line with the planning and regulations of the local government.

Cigarette plant construction should implement the relevant national and tobacco industry design standards and standards. According to this standard for cigarette plant works Design, should be with the "cigarette process specifications", YC/T 199 "cigarette enterprises clean production evaluation criteria", "cigarette factory construction control indicators", YC/T 384 "Tobacco Enterprise Safety Production Standardization" of the relevant content of coordination.

Cigarette production scale should be consistent with the tobacco industry planning requirements, and in strict accordance with the approved production scale design, to meet the economic scale and the conditions for intensive operation. Production capacity should be based on the ability to calculate the cigarette machine, silk production line capacity and production scale and brand processing needs Seeking coordination.

Cigarette factory's overall transformation program should adhere to the people-oriented, implement the sustainable development of strategic planning. The master plan should be based on production and development the need for a plan, step by step implementation of the principle of conduct, so that the overall coordination, far and near the combination of the recent main, and leave the appropriate development to the ground. Technical transformation to integrate the original resources, the rational use of the original buildings, structures, equipment and public facilities.

Cigarette factory technical transformation should eliminate backward technology, and equipment, and actively adopt the "advanced mature, affordable, energy saving and environmental protection," the new workers Art, new technology, new equipment, embodies the core technology of Chinese cigarettes, highlighting the brand characteristics, promote the construction of the category, promote the industry technological progress and technology Innovation.

Technical transformation should actively use information technology, the establishment of production, logistics and management information system, to promote the depth of industrialization and information Integration, to create "intelligent production, digital management" of the cigarette factory.

Cigarette factory construction should actively create a "land, energy, water, materials and environmental protection" is characterized by green workshop, to create "resources Energy-saving "and" environmentally friendly "cigarette factories. The green plant's cigarette factory is designed to work with YC/T 396" Tobacco Industry Green Room

evaluation criteria "of the relevant content of coordination.

Code for design of cigarette factory

1 Scope

This standard specifies the technical requirements for the design of the cigarette factory.

This standard applies to the design of the pyrotechnic plant technological transformation project.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

General specification for computer premises GB/T GB 2894 Safety signs and guidelines for their use Seamless Steel Tube for Low and Medium Pressure Boiler GB 3095 Ambient Air Quality Standard GB 3096 sound environmental quality standards GB 4053 fixed ladle and platform safety requirements Hygienic standard for drinking water GB 7231 Industrial piping Basic identification colors, identification symbols and safety identification GB 10070 Urban Area Environmental Vibration Standard Standard for Environmental Noise Discharge of Industrial Enterprises GB 13271 Boiler Air Pollutant Emission Standard Fire safety signs GB 13955 Residual current action protection device installation and operation Emission standard for odorous pollutants GB 14554 GB 16297 Integrated Emission Standard for Air Pollutants General rules for the preparation and management of energy - carrying units Logistics Terminology GB/T 18354-2006 Terminology for tobacco - Part 2. Tobacco processing and tobacco products GB/T 18771.2-2015 GB/T 19892 batch control GB/T 20720 enterprise control system integration General technical conditions for GB/T 20721 automatic guided vehicles Power efficiency limit and energy efficiency rating of GB24790 power transformer GB 25506 General technical requirements for fire control rooms GB/T 28181 security monitoring video monitoring network system information transmission, exchange, control technical requirements Code for design of foundation of building foundation GB 50007 Code for design of building water supply and drainage Code for fire protection of building design GB 50016-2014 Code for design of heating, ventilation and air conditioning GB 50019 Code for design of compressed air station GB 50029