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YC

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

YC/T 396-2020

Replacing YC/T 396-2011

**Evaluation standard for green industrial building of tobacco
industry
(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 396-2011 "Evaluation Standards for Green Workshops in the Tobacco Industry": Compared with YC/T 396-2011, except for editability the main technical changes are as follows:

--- "Land Savings and Site Planning" revised the plant area wind environment, plant area traffic organization, etc: (see 6.12,;2011 version 6:1:2), Added plant production logistics planning, low-impact development rainwater system, new energy charging piles for parking spaces, land-saving storage methods and intensive Land use evaluation indicators and other content (see 6.1:2, 6:1:3):

--- "Energy conservation and energy utilization" revised comprehensive energy consumption, building energy consumption, lighting power density values, steam condensate recovery and external windows Open area and other indicators (see 6.2:2, 6:2:3, 6:2:2, 6:2:3 of the:2011 edition), and increase the capacity of public engineering system equipment Efficiency, joint workshop building area optimization, roll-pack workshop zone control, air conditioning zone height control, workshop temperature and humidity control optimization, etc:

Content (see 6.2:2, 6:2:3):

--- "Water conservation and utilization of water resources" revised the water consumption per unit product, water-saving appliances and the use of non-traditional water sources (see 6.3:1, 6:3:2, 6:3:3, 6:3:1, 6:3:2, 6:3:3 of the:2011 version):

--- In "materials saving and material resource utilization", the prohibited building materials and the lowering of building height were revised, the pre-mixed mortar and the use of green Color building materials and other content (see 6.4:1, 6:4:2, 6:4:3, 6:4:1, 6:4:2, 6:4:3 of the:2011 edition):

--- "Indoor Environment and Occupational Health" has added pest control design requirements (see 6.5:2):

--- "Environmental impact" adds an evaluation clause that air pollutant emissions are better than the standard (see 6.6:2):

--- "Operation management" adds public engineering system adjustment, production organization optimization, energy management system construction, BIM technology application, Energy consumption and pollutant emissions are reduced year by year and other evaluation content (see 6.7:1, 6:7:2, 6:7:3):

---According to the revised content of the technical provisions of the evaluation system, the number of items and score requirements for the evaluation of green workshops were revised (see 5.2,:2011 edition) 5:2):

This standard was proposed by the State Tobacco Monopoly Administration:

This standard is under the jurisdiction of the National Tobacco Standardization Technical Committee Engineering Construction Subcommittee (SAC/TC144/SC5):

Drafting organizations of this standard: Development Planning Department of State Tobacco Monopoly Administration, Zhengzhou Tobacco Research Institute of China National Tobacco Corporation, China Architectural Design and Research Institute Research Institute Building Energy Conservation and New Energy Engineering Center, China Urban Construction Research Institute Co., Ltd., China Tobacco Corporation Hefei Design Institute, Shanghai Tobacco Cao Group Co., Ltd., Zhejiang China Tobacco Industry Co., Ltd., Hunan China Tobacco Industry Co., Ltd., Hubei China Tobacco Industry Co., Ltd:

Ren Company, Henan China Tobacco Industry Co., Ltd., Fujian China Tobacco Industry Co., Ltd., Hongyun Honghe Tobacco (Group) Co., Ltd., Hongta Tobacco (Group) Co., Ltd., Anhui China Tobacco Industry Co., Ltd., Zhengzhou Yisheng Tobacco Engineering Design Consulting Co., Ltd:

Introduction

In order to implement the national ecological civilization construction guidelines and policies, promote the green development of the tobacco industry, and promote resource-saving and environmentally friendly behaviors Industry construction should actively promote the creation and evaluation of green workshops in the tobacco industry:

The production process, load characteristics, and usage patterns of industrial buildings in the tobacco industry, especially the formation and utilization of internal disturbance characteristics and production waste heat, etc:

It has obvious characteristics of its own, so green building evaluation standards suitable for industrial buildings in the tobacco industry should be established:

This standard is based on the main characteristics of industrial buildings in the tobacco industry, combined with the practical experience and research results of the construction and evaluation of green studios in the industry, refer to GB/T 50878-2013 "Green Industrial Building Evaluation Standard" and GB/T 50378-2019 "Green Building Evaluation Standard", all-round Measure and examine the construction and operation effects of green workshops from multiple angles, highlighting the application of "land saving, energy saving, water saving, material saving and environmental protection" technology, systematic Construct the green workshop technology system and evaluation methods, and promote the high-quality development of green workshops in the tobacco industry:

Evaluation Standards for Green Workshops in the Tobacco Industry

1 Scope

This standard specifies the basic requirements, classification and evaluation methods for green workshops in the tobacco industry:

This standard is applicable to the evaluation of major production plants such as the joint workshop of cigarette factories: The evaluation of threshing and redrying workshop and reconstituted tobacco production workshop can be refer to execution:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article Pieces: For undated references, the latest version (including all amendments) applies to this document:

GB 3096 Acoustic Environmental Quality Standard GB/T 7106 Test method for airtightness, watertightness and wind pressure resistance of exterior doors and windows of buildings GB 12348 Environmental Noise Emission Standard at the Boundary of Industrial Enterprises GB/T 12452 General Rules of Water Balance Test for Enterprises GB 17167 General rules for the provision and management of energy measuring instruments for energy-consuming units GB/T 18091 Glass curtain wall light and heat performance GB/T 18870 General technical requirements for water-saving products GB 19153 Energy efficiency limit value and energy efficiency grade of positive displacement air compressor GB 19210 Air Conditioning and Ventilation System Cleaning Specification GB 19761 Ventilator energy efficiency limit value and energy efficiency grade GB 19762 Clear water centrifugal pump energy efficiency limit value and energy saving evaluation value GB:20052 Three-phase distribution transformer energy efficiency limit value and energy efficiency grade GB/T 21086 Building curtain wall GB/T 23331 Energy Management System Requirements GB 50015 Building Water Supply and Drainage Design Standard GB/T 50033 Standard for Building Lighting Design GB 50034 Architectural Lighting Design Standard GB 50180 Urban residential area planning and design standards GB 50325 Indoor Environmental Pollution Control Standard for Civil Construction Engineering GB 50335 Design Code for Urban Wastewater Reclamation and Utilization Project GB 50336 Water design standard for buildings GB 51245 Unified Standard for Energy-saving Design of Industrial Buildings CJ164 Water-saving domestic water appliance GBZ 2.1 Occupational Exposure Limits for Hazardous Factors in the Workplace Part 1: Chemical Hazardous Factors YC/T 9 Cigarette Factory Design Code