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

YC/T 199-2011

Replacing YC/T 199-2006

**Criteria for cleaner production of cigarette enterprise
(English Translation)**

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Foreword

Accordance with the standards GB/T 1.1-2009. Drafting Rules "Standardization Guide Part 1 standard structure and preparation of" given.

This standard replaces YC/T 199-2006 "tobacco industry clean production evaluation criteria." Compared with YC/T 199-2006, in addition to editorial Modify outside the main technical changes are as follows.

- Modify the scope of this standard (see Chapter 1);
- Normative references, increasing the GB 17617-2006 "energy use per unit of energy measuring instruments and General Management" GB/T 23331 "Energy Management System Requirements" and YC/T 273-2008 "cigarette packaging design requirements," updated "national crisis List of dangerous wastes "(Environmental Protection Decree [2008] No. 1) (see Chapter 2);
- Terminology and definitions, an increase of "clean energy" and "once the cigarette packaging yield" is defined (see 3.1);
- Increasing the tobacco industry for energy measuring instruments and the establishment of energy management system requirements (see Section 4.1.3);

- Modified raw materials and materials for recycling statements (see 414, 2006 edition 4.1.3.);
- Modify the "proportion of clean energy," the evaluation (see 42, 2006 version 4.2.);
- Modify the "comprehensive energy consumption per unit of output" and "comprehensive energy consumption per unit of production," the statement and evaluation (see 4.2, 2006 edition 4.2);
- Added "comprehensive energy consumption per unit of industrial added value" evaluation (see 4.2);
- Remove the "loss of tobacco turnover rate", "printing paper use (PET) ratio of the polypropylene composite film", "printing paper using an aluminum complex the proportion of composite material, "" printing paper used in a proportion of easily degradable materials instead of aluminum composite materials, "" easily degradable material using aluminum foil backing Materials (such as aluminum spray process) ratio, "" tipping paper loss rate "evaluation (see 2006 edition 4.2);
- Modify the "tobacco consumption", "total loss rate of tobacco", "cigarette paper loss rate", "filter rods loss rate" evaluation scores (see 4.2, 2006 edition 4.2);
- Modified "label paper loss rate", which was split into "trademark paper (small box) loss rate" and "The Paper label (barrel) loss ratio" (see 4.2, 2006 edition 4.2);
- Added "the cigarette packaging material selection and packaging structure", "once the cigarette packaging yield 'index (see 4.2);
- Modify the "Waste Control" in the "water", "gas", score "noise" evaluation item (see 43, 2006 version 4.3.);
- Added "chemical oxygen demand (COD) generation", "boiler exhaust gases. carbon dioxide" and "boiler exhaust gases. sulfur dioxide (SO₂) produced Amount "evaluation item (see 43, 2006 version 4.3.);
- Remove the "boiler exhaust. Blackness (Ringelman degrees)" evaluation item (see 2006 edition 4.3);
- Modify the "boiler exhaust gas. soot, sulfur dioxide," the evaluation of the content, increase the boiler type (oil, coal and gas) (see 4.3, 2006 edition 4.3);
- Remove the "house dust" noise evaluation project (see 43, 2006 version 4.3.);
- Modify the "push bar tobacco dust proportion", "hazardous waste recovery unit centralized deposit qualified" evaluation item name (see 4.3, 2006 edition 4.3);
- Modify the clean production requirements for environmental management evaluation forms (see 44, 2006 version 4.4.);

- Modify the "comprehensive energy consumption per unit of production" indicator meaning expressed in energy consumption and energy conversion coefficient, an increase of cigarette production the number of instructions (see 522, 2006 edition 5.1.2.);
- Added "comprehensive energy consumption per unit of industrial added value" formula (see 5.2.3);
- Added "the cigarette packaging material selection and package structure," the evaluation method (see 5.2.6);
- Added "once the cigarette packaging yield" calculation formula (see 5.2.8);
- Modified "label paper and raw material costs accounted for the proportion of" name and evaluation methods (see 529, 2006 edition 5.1.6.);
- Added "chemical oxygen demand (COD) generation" formula (see 5.2.12);
- Added "sulfur dioxide (SO₂) produced amount" formula (see 5.2.14);
- Modify the "Cleaner Production Level", broken down into provincial industrial companies and cigarette factory cleaner production level (see 5.3.3, 2006 Version 5.2.3).

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard was proposed by the State Tobacco Monopoly Bureau.

This standard by the National Standardization Technical Committee on Tobacco Enterprise Technical Committee (SAC/TC144/SC4) centralized.

This standard was drafted. China Tobacco Standardization Research Center, the State Tobacco Monopoly Bureau of Economic Operation Division, the State Tobacco Monopoly Bureau meter development Plan Division, Shanghai Tobacco Group Co., Ltd., Shandong Tobacco Industry Co., Ltd., Sichuan and Chongqing Tobacco Industrial Corporation, Xiamen Tobacco Industry Co., Liability company.

1 Scope

This standard specifies the requirements for cleaner production of cigarette and Evaluation.

This standard applies to cigarette factories and provincial industrial companies cleaner production.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references,

the latest edition (including any amendments) applies to this document.

GB 17167 energy use per unit of energy measuring instruments and General Manager
GB/T 23331 Energy Management System Requirements GB/T 24001 Environmental
management systems - Requirements with guidance for use YC/T 273-2008 cigarette
packaging design requirements National Catalogue of Hazardous Wastes (Environmental
Protection Decree [2008] No. 1)

3 Terms and Definitions

GB/T 24001 and defined by the following terms and definitions apply to this document.

Clean Energy cleanerenergy Natural gas, oil (excluding heavy oil), electricity, urban central
heating steam and a state-certified clean energy.

Cleaner Production Continually taken to improve the design, the use of clean energy and
raw materials, the use of advanced technology and equipment, improve management,
utilization and other measures Shi, from the source to reduce pollution, improve resource
utilization efficiency, reduce or avoid production, services and products to use during the
generation and discharge of pollutants Put, in order to reduce or eliminate human health
and the environment.

The cigarette packaging a yield of one-timerateoffinalproductsinthecigarettepackage in
cigarette rolling and packaging manufacturing process, only after a processing rate of
formation of qualified products. By collecting the cigarette packaging process Data
generated defective smoke, a comprehensive reflection of various types of volume loss rate
level package material.

4.1 General requirements

4.1.1

The cigarette companies should follow to conserve resources, prevent pollution organizing
principle of production.

4.1.2

According to the rational use of resources and improve the efficiency of resource use,
promoting the use of clean energy and low-pollution energy.

4.1.3

cigarette companies should be GB 17167 requirements of instruments to measure energy,
but also should be GB/T 23331 requirements to establish the appropriate Energy
management system.