

ICS 65.160
CCS X 85

YC

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

YC/T 587-2020

**Comprehensive evaluation method for manufacturing level of
cigarette factory
(English Translation)**

Issued on: May 22, 2020

Implemented on: December 1, 2020

Issued by: State Tobacco Monopoly Administration

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Foreword

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

This standard was proposed by the State Tobacco Monopoly Administration.

This standard is under the jurisdiction of the National Tobacco Standardization Technical Committee Enterprise Standardization Subcommittee (SAC/TC144/SC4).

Drafting organizations of this standard. Zhejiang China Tobacco Industry Co., Ltd., Zhengzhou Tobacco Research Institute of China National Tobacco Corporation, Shanghai Tobacco Group Limited Liability Company, China Tobacco Hubei Industry Co., Ltd., China

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Introduction

In order to comprehensively evaluate the production and manufacturing level of cigarette factories, establish a comprehensive, systematic and scientific evaluation method to guide cigarette factories in the manufacturing process, the horizontal benchmarking between the factories and the vertical comparison within the factories are carried out, and the shortcomings that affect the production level are found, and the weaknesses are found and carry out targeted improvements and improvements to enable cigarette factories to continuously improve the level of "lean production" and "intelligent manufacturing", and to promote cigarette factories for high-quality development, this standard is formulated.

Comprehensive evaluation method for the production level of cigarette factories

1 Scope

This standard specifies the index system and evaluation method for the comprehensive evaluation of the manufacturing level of cigarette factories.

This standard applies to the comprehensive evaluation of the manufacturing level of cigarette factories.

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 document.

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

GB 12348 Environmental Noise Emission Standard at the Boundary of Industrial Enterprises GB/T 19609 Smoking machine for routine analysis of cigarettes for determination of total particulate matter and tar GB.20052 Three-phase distribution transformer energy efficiency limit value and energy efficiency grade GB/T 22838 (all parts) Determination of physical properties of cigarettes and filter rods GB/T 23355 Determination of nicotine in the total particulate phase of cigarettes by gas chromatography GB/T 23356 Determination of carbon monoxide in the gas phase of cigarette smoke Non-scattering infrared method YC/T 152 Determination of Filling Value of Cut Tobacco YC/T 163 Determination of Filling Value of Expanded Cigarette Stem YC/T 178 Determination of the whole rate and the rate of shredded tobacco YC/T 199 Evaluation Criteria for Cleaner Production of Cigarette Enterprises YC/T 579 Cigarette Industrial Enterprise Equipment Management Performance Evaluation Method

3 Terms and definitions

The following terms and definitions apply to this document.

Very poor target weight when cigarettes of the same brand are produced by multiple sets of cigarette making machines of the same model, the difference between the maximum and minimum measured value of the target weight of the cigaretteless cigarettes between the machines.

Wire consumption deviation rate the degree of deviation between the total amount of pure shredded tobacco in a batch of qualified finished cigarettes and the total amount of shredded tobacco input.

4.1 Process quality level

The process quality level evaluation index system and index weights are shown in Table 1.