

ICS 65.160
CCS X 94

YC

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

YC/T 91.1-2016

Replacing YC/T 91.1-1996

**Tobacco machinery--Primary processing line, threshing and
redrying line--Part 1: Directives for design
(English Translation)**

Issued on: November 1, 2016

Implemented on: November 15, 2016

Issued by: State Tobacco Monopoly Administration

Table of Contents

Preface

1 Scope

2 Normative reference document

3 Terms and definitions

Foreword

YC/T 91 "Tobacco machinery lines, playing leaves re-baked line" is divided into three parts.

- Part 1. Design guidelines;
- Part 2. Guidelines for installation and commissioning;

Part 3. Acceptance Guidelines.

This part is part 1 of YC/T 91.

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

This section replaces YC/T 91.1-1996 "Tobacco machinery for silk thread, whiskers, Part 1. Design guidelines". This part with YC/T 91.1-1996 The main differences are as follows.

- The name of the "normative reference document" chapter (see Chapter 2) replaces the name of the "reference standard" chapter (1996 edition, Chapter 2) and increases the content - The contents of the "Notes and Definitions" chapter have been modified (see Chapter 3, Chapter 3 of the 1996 edition), and some text;
- the "serialized design principles" (see 4.5);
- "electrical safety and protection" requirements (see 4.6.4) in the "basic requirements for full line electronic control" (see 4.5, 4.5 of 1996);

"The overall scheme of the" full line electronic control system "(see 5.2) is based on the" full line type and technical characteristics "(see 5.2.2) (1996, 5.2 and 5.3) of the "Basic Control Type" and "Local Monitoring Type", the entire line of electronic control type Divided into "control one", "centralized monitoring", "decentralized control" and "unit control", and increase the content;

--- "full line of electronic control network level and functional requirements" (see 5.2.3) to replace the 1996 edition of 5.2,5.3 related content;

--- Added "basic requirements for control cabinet group" (see 5.2.4);

- "full line electromechanical segmentation" (see 5.2.5) instead of the 1996 edition of 5.2.1.1, 5.3.1.1.

This part is made by the State Tobacco Monopoly Bureau.

This part is headed by the National Tobacco Standardization Technical Committee (SAC/TC144/SC3).

This part of the drafting unit. in the smoke machinery technology center limited liability company, Qinhuangdao tobacco machinery limited liability company.

1 Scope

This part of YC/T 91 sets out the basic principles and general requirements for the design of yarns and slips.

This part is suitable for the design of the silk thread, the process of making the bake line, the process design of the silk thread, can refer to use.

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.

Mechanical electrical machinery - Electrical equipment - Part 1. General technical requirements GB 5226.1 YC/T 9-2006 Cigarette Factory Design Code Specification for YC/T 146 Flue - cured Tobacco "Tobacco Technology Code".2003-03 issued by the State Tobacco Monopoly Bureau

3 Terms and definitions

The following definitions and definitions as defined in Appendix B of the Cigarette Processing Code apply to this document.

Wireline primaryprocessingline the tobacco raw materials and related materials made of uniform ratio, the quality of different types of cigarettes meet the requirements of the entire process required equipment Composed of continuous, automated production lines.

Note 1: tobacco raw materials are mainly flue-cured tobacco, spices smoke, burley tobacco, recycling cigarettes and so on. The main accessories are fragrance, spices, sugar and so on.

Note 2: The raw material of the silk thread is mainly used as the leaf piece and the tobacco stem.

Note 3: cigarettes are generally divided into different types of cigarettes, mixed type, cigar type, fragrance type, external flavor type and other different types of cigarettes.

Note 4: silk production line mainly by the preparation of leaves, tobacco pretreatment, leaf yarn,

tobacco stem pretreatment, the system of silk, mixed with fragrance and other production section composition.

Note 5: According to the needs of the process, there are yarn on the yarn, spices of the liquid ratio, storage and transportation equipment, and burley treatment, carbon dioxide expansion of tobacco, made Paper processing and other optional processing section.

Beat the baked roasted threshingandredryingline Will be made after the first roasted tobacco raw materials made in line with the requirements of the production of tobacco, stem, and after re-baking the entire process required for packaging the composition of the continuous, automated production line.

Note 1: the leaves of fresh billet line used by the raw material is generally the first baked after the flue-cured tobacco leaves.

Note 2: playing leaves re-baked line generally prepared by the raw materials, leaf stem separation, smoke re-baking, smoke packaging, tobacco stem treatment, debris processing and other sections. according to actual condition the need to set the vacuum resurgence process before the leaf stem is separated.

Moisture content moisture content the moisture content of the material is the ratio of the moisture content of the material to the total mass of the material (mass of dry material mass). which is.