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YC

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

YC/T 11.2-2006

Replacing YC/T 11.2-1993

**Tobacco machinery. Drawing and design document of product.
Part 2: General principles of drawing
(English Translation)**

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Foreword

YC/T 11 "Tobacco Machinery Product Drawings and Design Documents" is divided into the following eight parts.

- Part 1. General;
- Part 2. Basic requirements;
- Part 3. Format;
- Part 4. Coding principles;
- Part 5. Integrity;
- Part 6. Change method;
- Part 7. Standardization review;
- Part 8. Management rules.

This part is the second part of YC/T 11.

This part replaces YC/T 11.2-1993 "Basic Requirements for Tobacco Machinery Product Drawings and Design Documents".

Compared with YC/T 11.2-1993, the main changes in this section are as follows.

- Increased the content of the reference standard;
- Added in 3.1 "When using CAD drawing, it should comply with GB/T 14665-1988 and other relevant standards or regulations;

The CAD software should undergo a standardized review of the content;

- Combine the original 4.1.5 and 4.1.6 into 4.1.4, added in 4.1.4 "When the relevant dimensions are not equal, the same can be painted it is made on a pattern, but different

pattern codes should be coded, and different code numbers should be marked with lead lines, and according to the 4.6 table diagram Use the table to list the contents of the correspondence between parameters such as code number and quantity;

--- When the original 4.1.9 "the size limit deviation and shape tolerance, surface roughness, etc. are not marked on the drawing, there should be corresponding standards, or in the technical requirements, the description is rewritten as "unfilled dimensional tolerances and unfilled tolerances on the drawings, etc., and shall be in accordance with GB/T 1184-1996, GB/T 1804-2000 and other relevant standards; generally do not separate the tolerances, but in the drawings, technical documents or stated in the standard";

--- Rewrite the original 4.5.3 "box surface must be labeled according to the relevant standards, packaging and transportation icons, etc." to "the box surface should meet the relevant standards or According to the contract requirements, mark the packaging, storage and transportation icons, etc."

--- The contents of the original Chapter 6 were compiled into YC/T 11.5-2006.

This part is proposed by the National Tobacco Monopoly Bureau.

This part is under the jurisdiction of the National Tobacco Standardization Technical Committee (TC144).

This section drafted by. Shanghai Tobacco Machinery Co., Ltd., China Tobacco Machinery Technology Center Co., Ltd.

1 Scope

This part of YC/T 11 specifies the basic requirements for tobacco machinery product drawings, including CAD drawings.

This section applies to tobacco machinery product drawings (hereinafter referred to as drawings) including CAD drawings and related technical documents, other drawings and texts.

The pieces can also be referred to for execution.

2 Normative references

The terms in the following documents become the provisions of this part by reference to this part of YC/T 11. For dated references, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, an agreement is encouraged under this section.

The parties are studying whether the latest version of these documents can be used. For undated references, the latest edition applies to this section.

GB/T 131-1993 mechanical drawing surface roughness symbol, code and its method GB/T 1184-1996 Shape and position tolerances without tolerance values GB/T 1804-2000 General tolerances Linear dimensions of unfilled tolerances GB/T 6988.3-1997 Preparation of documentation for electrical engineering - Part 3. Wiring diagrams and wiring diagrams GB/T 13385-2004 packaging pattern requirements GB/T 14665-1998 Mechanical Engineering CAD Drawing Rules GB/T 16675.1-1996 Simplified representation of technical drawings - Part 1. Drawing

3 General requirements

3.1

The drawings shall be drawn in accordance with the current national standards such as technical drawings, mechanical drawings, electrical drawings and other relevant standards or regulations.

True, complete, unified and clear. When using CAD drawing, it shall comply with GB/T 14665-1998 and other relevant standards or regulations;

CAD software should undergo standardization review.

3.2

Terms, symbols, codes, characters, graphic symbols, structural elements and units of measurement, etc., shall conform to the corresponding standards.

3.3

The view and technical requirements on the drawing shall indicate the function, structure, contour and the skills necessary for the manufacture and inspection of the product and the parts.

According to the basis.

3.4

The number of views under the premise that the function, structure, contour, size and relationship of the parts and parts of the product and the parts are clearly expressed the amount should be as small as possible.

3.5

Each product or part or component should be drawn on a single sheet as much as possible. If it must be distributed over several patterns, the main view, the parts list and technical requirements should generally be placed on the first pattern.

3.6

The product and the name of the part and the part on the drawing shall comply with the corresponding standards. If there is no regulation, it should be as short and precise as

possible.

3.7

The drawings are generally not included in the description of the restricted process requirements. If necessary, allow the labeling to use certain processing methods and process descriptions, such as "Same processing", "matching", "turning", etc.

3.8

Each drawing shall be filled out in the title bar as required, and shall be signed by the relevant personnel as stipulated in the "Technical Responsibility System" in the signing column. On the computer Exchange of information and drawings, in the case of ensuring the confidentiality or security of CAD files, should be authorized to sign in the signature column of the signature form.

4.1 Parts Drawing

4.1.1

Each special part should generally be drawn separately. In special cases, the drawing may not be drawn, for example.