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

YC/T 10.2-1993

Replacing YC/T 10.2-2006

**Tobacco Machinery General Technical Conditions Part 2: Cold
Workpieces
(English Translation)**

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Foreword

YC/T 10 "General Technical Conditions for Tobacco Machinery" is divided into 16 parts.

- Part 1. Cutting parts;
- Part 2. Cold work;
- Part 3. Welded parts;
- Part 4. Gray cast iron parts;
- Part 5. Ductile iron castings;
- Part 6. Cast carbon steel parts;
- Part 7. Copper alloy castings;
- Part 8. Aluminum alloy castings;
- Part 9. Forgings;
- Part 10. Metal plating and chemical treatment;
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- Part 12. Assembly;
- Part 13. Packaging;
- Part 14. Electrical control systems;
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- Part 16. Polished and brushed stainless steel parts.

This part is the second part of YC/T 10.

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

This part replaces YC/T 10.2-2006 "General Technical Conditions for Tobacco Machinery Part 2. Cold Workpieces". With YC/T 10.2-Compared with 2006, the main technical changes

except editorial changes are as follows.

- "Terminology and definitions", the removal of "stamping parts", the addition of "flat stampings" and "formed stampings" (see 3.2, 3.3, 2006 edition) 3.2);
- Increased the content of the board in the technical requirements (see 4.1.4);
- Increased the content of stamping parts in the technical requirements [see 4.2.1b) 4), 4.2.1b) 5)];
- Removed the dimensional tolerances, angular tolerances, shape and position of the stampings without tolerance, increased the unspun rule of the flat stampings Inch tolerance, unfilled dimensional tolerance of formed stampings, and blanking angles of flat stampings and formed stampings without tolerances, bending angles Unfilled tolerances, stampings shape and position without tolerances (see 4.2.2, 4.2.3, 4.2.4, 2006 edition 4.2.2);
- Modified the bending tolerance limit deviation level of stamping parts (see 4.2.5, 4.2.3 of 2006 edition);
- Revised the verticality level of the punching plate [see 4.2.8a), 2006 edition of 4.2.6a)];
- Increased the requirements for the use of die stamping parts (see 4.2.9);
- Modified the bending radius of the curved pipe fittings (see 4.3.3, 4.3.3 of the 2006 edition);
- Revised the angle deviation level of the curved pipe fittings (see 4.3.6, 4.3.6 of the 2006 edition);
- Modified component content (see 4.4.1, 4.4.3, 2006 version 4.4.1, 4.4.3);
- Modified the tolerance level of the rivet hole of the composite member [see 4.4.4d), 4.4.4d) of the 2006 edition];
- Increased the content of riveting misalignment (see 4.4.4f);
- Added supplementary test content (see 5.2, 5.2 of 2006 edition).

This part is proposed by the National Tobacco Monopoly Bureau.

This part is under the jurisdiction of the National Tobacco Standardization Technical Committee Smoke Machine Subcommittee (SAC/TC144/SC3).

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1 Scope

This part of YC/T 10 specifies the general requirements, test methods and inspection rules for cold-worked parts of tobacco machinery.

This section applies to cold work of tobacco machinery.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

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

GB/T 116 rivet technical conditions GB/T 152.1 through hole for fastener rivet GB/T 1184-1996 Shape and position tolerances without tolerance values GB/T 1804-2000 General tolerances and tolerances for linear and angular dimensions without tolerances GB/T 13914-2013 stamping parts dimensional tolerance GB/T 13915-2013 stamping parts angular tolerance GB/T 13916-2013 stamping parts shape and position without tolerance GB/T 15055-2007 stamping parts without tolerance size limit deviation JB/T 4129 stamping burr height JB/T 4381-2011 Limit deviation of uncut tolerance dimensions for stamping shear blanking YC/T 10.3 General technical requirements for tobacco machinery - Part 3. Welding parts

3 Terms and definitions

The following terms and definitions apply to this document.

Plate plate

Plane-based parts formed by shearing or bending.

Flat stamping parts blankingparts Stamped parts processed by a flat blanking process.

[GB/T 13914-2013, definition 2.1] 3.3 Formed stamping parts Stamping parts processed by bending, deep drawing and other forming methods.

[GB/T 13914-2013, definition 2.2]