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**YC**

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

**YC/T 271.7-2008**

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**Tobacco machinery. Modality design. Part 7: PMMA and PC  
Observing windows  
(English Translation)**

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### Foreword

YC/T 271 "Tobacco Machinery Form Design" is divided into 10 parts.

- Part 1. appearance;
- Part 2. Doors;
- Part 3. Panel;
- Part 4. bow handle and locks;
- Part 5. noise reduction;
- Part 6. glass shield;
- Part 7. material PMMA and PC-viewing window;
- Part 8. surface protection and surface treatment;
- Part 9. a display device;
- Part 10. handling.

This section YC/T 271 Part 7.

This part by the State Tobacco Monopoly Bureau.

This part of the National Standardization Technical Committee on Tobacco (TC144) centralized.

This section is drafted. Tobacco Machinery Technology Center LLC.

### 1 Scope

This section YC/T 271 provisions of the tobacco material is in the form of mechanical products with PMMA and PC viewing window design specifications.

This section applies to tobacco machinery products with PMMA and PC viewing window shape design.

The implementation of this part can be guaranteed.

--- When processing installation PMMA and PC viewing window, the material does not cause cracking and brittle fracture;

--- Interchangeable parts designed to achieve through a unified structure;

--- Machinery on all tobacco products, form part of such unity.

## 2 Normative references

The following documents contain provisions which, through reference YC/T 271 of this text, constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

YC/T 271.4-2008 Tobacco Machinery Form Design Part 4. arched handles and locks

### 3.1 Classification

Observation window observation points frameless windows and an observation window frames have generally given priority frameless viewing window.

#### 3.2.1 Structural Design

Frameless viewing window design shall comply with the following provisions.

--- Should ensure sufficient strength;

Fixed --- hinges shall comply with the provisions of 3.2.2;

--- Within the force should be transmitted per unit area and uniform pressure in PMMA and PC can bear;

--- Should guarantee a minimum edge spacing size (see Figure 1);

YC --- should be fixed handle/T 271.4-2008 requirements in 3.3.

#### 3.2.2 Installation design

After frameless observation window installed in the visible range should not see the end of screws.

Frameless viewing window installation, see Example 1.

Example 1. hinged (see Figure 1).