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

中华人民共和国轻工行业标准

QB/T 2763-2006

Replace QB/T 3773-1999

**Coated tinplate (or ECCS)
涂覆镀锡（或铬）薄钢板**

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Foreword

This standard is the modification to QB/T 3773 —1999 *the Technical Conditions of the Tinline (or Chrome plated) Sheet Steel Coated with Epoxy Novolac*.

Comparing to QB/T 3773 —1999, this standard mainly has the following changes:

- Increased range: It is applied to all kinds of coatings (Including varnish and enamel paint etc), the coated tinline (or Chrome) sheet steel, therefore, name of the standard is changed into coated tinline (or Chrome) sheet steel;
- Increased the contents of normative references, definitions and classification;
- Increased steam resistance indicators;
- Modified the physicochemical indicators of thickness deviation, adhesive force and anti-corrosion capacity;
- The test methods of acid resistance, sulfur resistance and impact resistance are changed;
- The bending resistance indicators are eliminated;
- The recommended test is eliminated.

The standard is proposed by the Light Industry Union of China.

The standard is under the jurisdiction of by Technical Committee for Standardization in the Food Industry of China—Sub-committee of Technology of Can.

The draft units of this standard: Food Fermentation Industrial Institute of China, Suzhou PPG Packaging Coating Co., Ltd, Beijing Aoruijinxinmei Can-making Co., Ltd, Hangzhou Zhongliangmeite Vessel Co., Ltd, and Shanghai Meilin Food Co., Ltd.

The standard is mainly drafted by: Fan Yazhen, Sha Rong, Chen Yufei, Feng Hui, and Zheng Xiong.

Since implementation date of the standard, the original light industry standard QB/T 3773 —1999 *the Technical Conditions of the Tinline (or Chrome plated) Sheet Steel Coated with Epoxy Novolac* issued by the Bureau of National Light Industry is abolished.

The issuing situations of previous versions substituted by this standard are as follows:

---GB 8230-1987

---QB/T 3773-1999

Coated Tinplate (or Chrome) Sheet Steel

1. Scope

This standard indicates the classification, requirements, test methods, inspection rules and marks, package, transportation and storage of the coated Tinplate (or Chrome) sheet steel.

The standard is applied to the Tinplate (or Chrome) sheet steel coated with liquid organic coating and baked at high temperate used for manufacturing vessels of food and drinking.

2. Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 2520 cold-rolling electroplating sheet steel

GB 4805 the sanitary standard for epoxy novolac coating on inner wall of food can.

GB 9682 the sanitary standard for demould coating on inner wall of food can.

3. Definition

For the purpose of this standard, the following terms and definitions shall apply.

3.1

Thickness deviation on the same plate

On a complete coated Tinplate (or Chrome) sheet plate, the maximum of film thickness deviation at various specific parts.

3.2

Varnish

The transparent organic coating made of synthetic resin.

3.3

Enamel paint

The non-transparent organic coating made through addition of powder particle to the synthetic resin.

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