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YS

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

YS/T 560-2007

Replacing YS/T 560-2006

sting aluminium anodic bar

铸造铝阳极导杆

(English Translation)

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Foreword

Instead of the standard YS/T 560-2006 "aluminum ingot." this standard YS/T 560-2006 compared to the main changes are as follows.

- Standard name was changed to "cast aluminum anode rod";
- Standard range "Made with cables and conducting" to "conducting with";
- Increasing the size 130 x 135;
- Appearance quality, low magnification re provisions;
- Chemical composition sampling method according to the provisions of GB/T 17432 were;
- Chemical analysis method according to the provisions of GB/T 20975 or GB/T 7999 will be;
- Macrostructure examined according to the provisions of GB/T 3246.2 performed.

This standard by the National Standardization Technical Committee of non-ferrous metals and centralized.

This standard by the Aluminum Corporation of China Guizhou Branch is responsible for drafting.

1 Scope

This standard specifies requirements for cast aluminum anode rod, test methods, inspection rules, marking, packaging, transportation, storage and contract.

This standard applies to cast aluminum anode rod (hereinafter referred to as the guide bar).

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1196 aluminum ingots for remelting GB/T 3246.2 Wrought aluminum and aluminum alloy products low fold inspection method GB/T 20975 (all parts), chemical analysis of aluminum and aluminum alloys GB/T 7999 aluminum and aluminum alloys Optical emission spectroscopy method GB/T 17432 Wrought aluminum and aluminum alloy chemical analysis sampling method

3.1 Chemical composition

Chemical composition of the guide bar should be consistent with GB/T 1196 in grades A199.60, A199.70, A199.85, A199.90 one corresponding regulations set. Demand side, if there are special requirements, in consultation with the supplier and specified in the contract.

3.2 Appearance quality

Guide rod surface does not allow cold shut cracks, holes and Use. Slag surface allows trimming, its depth shall not exceed 2mm, trim the edges should be feathered. Jukou burrs and burrs shall be rounded off.

3.3 Specifications and dimensions allow deviation

Guide rod specifications and size tolerances shall comply with the provisions in Table 1.

Table 1 millimeters

Thickness x width tolerance Length Length tolerance 100 x 100 ± 3 1100 ~ 1380 0 ~ + 10 130 x 135 ± 3 2000 ~ 2500 0 ~ + 10 Note. Size is not listed in the table may be negotiated in consultation, and specified in the contract.

3.4 Low magnification

Guide rod low magnification allowed the presence of cracks and pores.

Test Method 4

4.1 Chemical analysis methods

Chemical analysis method according to GB/T 20975 or GB/T 7999 will be. Arbitration chemical composition analysis by the provisions of GB/T 20975 performed.

4.2 Appearance quality test methods

Appearance quality inspection with visual inspection.