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

GB/T 34850-2017

**Weighing instruments for mining car in motion
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafted law with reference to the international recommendations of the International Organization of Standards and Procedure OIMLR106.2011 "Automatic railroad trade" Light rail track the relevant requirements, combined with China's dynamic (mine) light rail scale application status and technical level preparation, consistent with the OIMLR106 Sexuality is not equivalent (NEQ).

The main technical differences between this standard and OIMLR106-1.2011 are as follows.

- Because this product is used in the mine light rail line, the product special use of the environment and the weighing range is made;
- Due to the special nature of the product environment, the use of the accuracy of the level made some adjustments;
- Due to product use in the general mining environment, can not use the standard car and other equipment balance, combined with the accuracy of the product requirements of the test Test methods to be provided separately;
- According to the mine equipment and power supply conditions, the power adaptability has been adjusted and regulations.

Please note that some of this document may be patentable. The issuing agencies of this document do not bear the responsibility of identifying these patents.

This standard proposed by the China Light Industry Federation.

This standard by the National Standardization Technical Committee Scale (SAC/TC97) centralized.

1 Scope

This standard specifies the dynamic (mining) Light Rail Scale (hereinafter referred to as "Light Rail Scale") specifications, measurement requirements, technical requirements, test methods, Inspection rules, signs, packaging, transportation, storage.

This standard applies to rail gauge light rail lines not more than 900mm, the maximum weighing less than 30t, through the dynamic weighing method (Including the shaft weighing, vehicle weighing) Mining rail vehicles or train to determine the quality of light rail weighing.

2 Normative references

The following documents for the application of this document is essential. 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 191 Packaging - Pictorial signs GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Low temperature GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. High temperature GB/T 5677 castings radiographic testing GB/T 7233.1 Steel castings ultrasonic testing Part 1. General purpose castings GB/T 7233.2 steel castings ultrasonic testing Part 2. High pressure castings GB/T 7551 load cell GB/T 7724 electronic weighing instruments GB/T 8923 steel surface coating before rust level and rust level GB/T 13384 mechanical and electrical product packaging General technical conditions GB 14249.1 electronic

weighing safety requirements GB/T 14250 Weighing terminology General technical requirements for light industry machinery GB/T 14253-2008 GB/T 15395 electronic equipment cabinets general technical conditions GB/T 23111-2008 non-automatic weighing instrument GB/T 26389 Scale product model preparation methods QB/T 1588.1 Light industry machinery welding parts general technical conditions QB/T 1588.2 Light industry machinery cutting parts General technical conditions QB/T 1588.3 Light industry machinery assembly general technical conditions QB/T 1588.4 Light industry machinery painting general technical conditions

3 Terms and definitions

GB/T 14250 and defined by the following terms and definitions apply to this document.

Mainly in gauge not more than 900mm mine light rail railway line use, the maximum capacity of not more than 30t, the quality of mining vehicles or