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

GB/T 33541-2017

**Criteria for judging the conformity of sampling inspection for
gem and precious metal products**

珠宝玉石及贵金属产品抽样检验合格判定准则

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the Ministry of Land and Resources of the People's Republic of China. This standard is proposed by the National Jade and Jade Standardization Technical Committee (SAC/TC298) centralized. The drafting of this standard. Sichuan Province Product Quality Supervision, Inspection and Testing Institute, the National Jade Quality Supervision and Inspection Center, the national quality of jewelry Quality supervision and inspection center, Guangdong Province, jade jewelry and precious metals testing center, Beijing City Food Port Department Store Co., Ltd., Shenzhen Star Star Jewelry Industry Co., Ltd. The main drafters of this standard. Dai Sulan, Chen Dapeng, Qu Wei, Shen Meidong, Zhang Jun, Wang Chunsheng, Li Suqing, Cao Shu Min, Long Chu, Wang Chunli, Lu Hui, Lin Changwei, Xu Xingyang. Inspection of Jewellery and Precious Metal Products Qualified Criteria

1 Scope

China's national standard for how a lot of jewellery is judged conforming or not on the basis of a sample. It specifies the requirements and methods for sampling, inspection, judgment and review in the quality inspection of gem, jade and precious metal jewellery, and it applies to that inspection, with other jewellery and precious metal products able to refer to it. Sampling inspection of jewellery is unlike sampling inspection of almost anything else, and the reason is that the items in a lot are not identical. A batch of bolts is a population of nominally identical objects and a sample tells you about the population in a straightforward statistical way. A consignment of rings is a set of individually made items, of different weights and different stones, each carrying its own hallmark and its own claim about what it is. The claim is what is being inspected: this ring is stated to be a particular fineness of gold, set with a stone of a stated species, and the inspection is checking whether that

statement is true. A single non-conforming item is therefore not a proportion of defect in a homogeneous lot but a false statement about one object, and the judgment rules have to reflect that. The standard draws on the counting inspection procedures of the GB/T 2828 series, including the assessment procedures for claimed quality levels and the small-lot procedures, and it fixes the inspection items, the test methods, the judgment and the review process by which a disputed result is resolved. Issued on 9 March 2017 and in force since 1 October 2017.

This standard specifies the requirements and methods of sampling, inspection, judgment and review of quality inspection of jewelry and precious metal ornaments. This standard applies to the quality of jewelry jade and precious metal jewelry verification. Jewelry and precious metals Other products can refer to this standard carried out.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 2828.4-2008 Counting inspection procedures Part 4. Assessment procedures for claimed quality levels

GB/T 2828.11 Counting sampling inspection procedure - Part 11. Assessment procedure for small overall claim of quality level

GB/T 9288 Gold alloy gold content determination of ash blowing method (fire test method)

GB 11887 Jewelry precious metals - Provisions on purity and naming methods

GB/T 14459 Precious metal jewelry counting sampling inspection rules

GB/T 16306 claims procedure for the review of quality levels of re-examination and re-inspection

GB/T 16552 Name of jewelry and jade

GB/T 16553 Jewelry Identification

GB/T 16554 Diamond grading

GB/T 17832 Determination of silver content of silver alloy jewelry Potassium bromide volumetric method (potentiometric titration) Determination of precious metal content of jewelry - X - ray fluorescence spectrometric method GB/T GB/T 18781 pearl grading

GB/T 19719 Determination of the amount of nickel released from jewelry - Spectrometry

GB/T 19720 Determination of platinum and palladium in platinum alloy jewelry Ammonium chloroplatin weight gravimetric and butanedione gravimetric

GB/T 21198.6 Determination of precious metals in precious metal alloy jewelery - ICP spectrometric method - Part 6. Subtractive method GB/T 23885 Jade grading

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