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

GB/T 33723-2025

Replacing GB/T 33723-2017

**Grade requirements for subjective evaluators of the acoustic
quality of musical instruments**

乐器声学品质主观评价人员等级规范

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 33723-2017 "Standard for Grading Personnel for Subjective Evaluation of Acoustic Quality of Musical Instruments" and is consistent with GB/T 33723-2017.

Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The professional qualification requirements for performers have been changed (see 4.2.1, 2017 version 4.2.1);

---The requirement for performers to be familiar with the instrument being evaluated has been removed (see

4.2.2 in the 2017 version);

---The professional qualification requirements for evaluators have been changed (see 4.3.1, 2017 version 4.3.1);

---The requirements for evaluators regarding the evaluation rules have been changed (see 4.3.4,

4.3.3 in the 2017 version);

---The requirement for on-ear headphones has been removed (see

4.3.4 in the 2017 version);

---The occupational selection requirements for evaluators have been changed (see 4.3.8, 2017 version 4.3.8);

---The requirement for impartiality of evaluators has been added (see 4.3.9);

---The requirements for the composition of the evaluation team have been changed (see

4.4.1,

4.4.2 in the 2017 version);

1 Scope

GB/T 33723-2025 is the Chinese national standard covering grading the people who judge how an instrument sounds - their hearing, their training, their demonstrated consistency and their agreement with a reference panel, because the assessment of a violin or a piano ends in a human ear and that ear has to be qualified. It replaces GB/T 33723-2017. It was issued on 31 December 2025 and has been in force since 1 July 2026, replacing GB/T 33723-2017. The document is under the responsibility of the China National Light Industry Council. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the terminology, definitions, and requirements for personnel who subjectively evaluate the acoustic quality of musical instruments. This document is intended for personnel who make subjective evaluations of the acoustic quality of musical instruments.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 31109-2014 Methods for evaluating the acoustic quality of musical instruments

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Subjective evaluation The process of using human sensory organs to evaluate and test the acoustic quality of musical instruments.

3.2 instrumentalist Personnel who perform musical instruments and provide subjective evaluation of the acoustic quality of the instruments (3.1).

3.3 evaluator Personnel who use subjective evaluation (3.1) to examine the acoustic quality of musical instruments.

3.4 Evaluation Team A team composed of evaluators (3.3) evaluates the musical instruments.

4 Requirements

4.1 Personnel Composition for Subjective Evaluation of Musical Instrument Acoustic Quality

The personnel responsible for the subjective evaluation of the acoustic quality of musical instruments consist of performers and evaluators.

4.2 Performers

4.2.1 Performers should possess a Level 3 performer qualification or above, or an intermediate professional title or above, or be a representative inheritor of intangible cultural heritage at the prefecture-level city level. Applicants must possess a professional qualification (or higher) and have at least 10 years of experience playing the instrument in question.

4.2.2 Performers should be familiar with the pieces to be evaluated.

4.2.3 During evaluation, the performer's posture, dynamics, and style should remain consistent.