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

GB/T 47109-2026

Road wear test of studded tyres

镶钉轮胎道路磨损试验

(English Translation)

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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".

This document is equivalent to ISO 24469:2023 "Studded tires - Road wear test".

The following minimal editorial changes have been made to this document.

---Additional information has been added to version 5.3."China Tire, Rim and Valve Standard Yearbook".

---References have been added.

1 Scope

This document describes test methods for evaluating road wear on studded passenger car tires and light truck tires.

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. Part 1: Tyres (metricseries) rims(metricseries)-Part 1: Tyres]

3 Terms and Definitions

The terms and definitions defined in ISO 4223-1, as well as the following terms and definitions, apply to this document.

3.1 Evaluation stone

The test stones used in this experimental method to assess road wear are evaluated based on the mass loss of the stones caused by the test run. Wear and tear.

3.2 Ground frame

The rigid structural device used to fix the evaluation stone tray is at the same level as the test road surface.

3.3 Kurugreygranite

Fine-grained granite mined in Kourou, central Finland.

3.4 Light truck tires

The design is primarily intended for, but not limited to, assembling pneumatic tires for light commercial vehicles.

Note: These tires conform to the specifications for "LT" light truck tires, "C" commercial tires, or "CP" commercial tires in the standard manual, and are usually marked with "LT" or "C". The logos are "ST" and "CP".

3.5 Passenger car tires

The design is primarily intended for, but not limited to, mounting pneumatic tires on passenger vehicles.