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

GB/T 26548.11-2021

**Hand-held portable power tools - Test methods for evaluation of
vibration emission - Part 11: Stone hammers**

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Foreword

This document is in accordance with GB/T

1.1-2020 "Standardization Work Guidance Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is GB/T

Part 11 of 26548.GB/T

26548 has released the following parts.

- Part 1.Angle and end face grinders;
- Part 2.Gas trigger, nut wrench and screwdriver;
- Part 3.Polishing machines, rotary, sliding and compound polishing machines;
- Part 4.Straight shank grinder;
- Part 5.Drills and impact drills;
- Part 6.Compaction machine;
- Part 7.Punching machines and scissors;
- Part 8.Reciprocating saws, polishing machines and files, and pendulum or rotary saws;

---Part 9.Derusting hammer and needle beam derusting device;

---Part 10.Impact rock drills, hammers and breakers;

---Part 11.Stone Hammer;

---Part 12.Mold grinder.

The translation method used in this document is equivalent to ISO

28927-11.2011 Part 11 of Handheld Portable Power Tools Vibration Test Methods

Points. Stone Hammer.

The Chinese documents that have consistent correspondence with the normatively cited international documents in this document are as follows.

---GB/T

5621-2008 Rock drilling machinery and pneumatic tools performance test method (ISO 2787.1984, MOD)

---GB/T

6247.1-2013 Rock Drilling Machinery and Portable Power Tools Terminology Part 1.Rock Drilling Machinery, Pneumatic Tools and

Pneumatic machinery (ISO

5391.2003, MOD)

---GB/T

6247.2-2013 Rock Drilling Machinery and Portable Power Tools Terminology Part 2.Hydraulic Tools (ISO

17066.

2007, IDT)

---GB/T

14790.1-2009 Mechanical vibration. Measurement and evaluation of human exposure to hand-borne vibration. Part 1.General requirements

(ISO

5349-1.2001,IDT)

---GB/T

14790.2-2014 Mechanical vibration Measurement and evaluation of human exposure to hand-borne vibration Part 2.Workplace

Practical Guide to Measurement (ISO

5349-2.2001, IDT)

---GB/T

25631-2010 Mechanical vibration Hand-held and hand-guided mechanical vibration evaluation rules (ISO

20643.2005,

IDT)

This document has made the following editorial changes.

---According to the specific conditions of the normatively cited documents in this document, the ISO in Chapter 2

5391 .2003 changed to ISO

5391;

---Convert the "bar" in the international standard to "MPa" (1

bar=0.1

MPa).

Introduction

In order to measure the vibration radiation value of the handle of the handheld portable power tool in expected use, to evaluate and manage the operation of the operator in the use of the machine

The risk of vibration damage faced by the industry, the International Organization for Standardization intends to formulate ISO

28927 is a 13-part document. Has been released so far

The 12-part document, and the 13-part document is under development. China's plan to ISO

The 13 partial documents of 28927 are all adopted identically.

Set as GB/T

26548 is proposed to be constituted as follows.

---Part 1.Angle and end face grinders. Covers hands equipped with protective covers for grinding, cutting and rough grinding on various materials

Holding machine.

---Part 2. Gas trigger, nut wrench and screwdriver. Covers hand-held machines for tightening and loosening threaded fasteners.

---Part 3. Polishing machines, rotary, sliding and compound polishing machines. Covers the purpose of surface treatment rather than removal of material

Purpose of the handheld machine.

---Part 4. Straight shank grinder. Covers the use of various flat grinding wheels, double bevel grinding wheels, and core grinding heads on various materials

Hand-held machine for grinding and surface finishing operations.

---Part 5. Drills and impact drills. Covers hand-held machines that drill holes in various materials through rotation and impact.

---Part 6. Compaction machine. Covers hand-held machines for foundry sand compaction or stamping operations.

---Part 7. Punching machine and scissors. Covers hand-held machines for cutting sheet metal and composite materials.

---Part 8. Reciprocating saws, polishing machines and files, and pendulum or rotary saws. Covers the table with a file or polishing tool installed

Hand-held machines for surface trimming, hand-held machines for sawing boards, medical plaster or wood, or

Hand-held machines for saw blades of various materials, as well as hand-held machines for cutting metal and composite materials.

---Part 9. Derusting hammer and needle beam derusting device. Covers the use of reciprocating working tools or needle bundles to remove oil from various materials

Hand-held machines with lacquer, rust spots or oxide skin.

---Part 10. Impact rock drills, hammers and breakers. Covers hand-held rotation for drilling holes in hard materials such as rock and concrete

Impact machine.

---Part 11. Stone Hammer. Covers stone hammer type hand-held machines, which are usually pneumatic straight-handled machines.

---Part 12. Mold grinder. Covered by hard alloy burr knife or grinding head mounted on the chuck in hard steel/plastic, etc.

Material, a hand-held machine for trimming operations.