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ICS 17.160
CCS J04

# NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# GB/T 19846-2005

## Mechanical vibration - Measurement of vibration generated internally in railway tunnels by the passage of trains

机械振动 列车通过时引起铁路隧道内部振动的测量

**(English Translation)**

**Issued on: July 30, 2026** **Implemented on: February 1, 2027**

**Issued by: State Administration for Market Regulation;**
**Standardization Administration of China**

Preview: page 1 of 4 shown, 17 in the full document. Complete English PDF, instant download:
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# Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
3.1 Pressure measurement
4 General
4.1 General requirements for the measurement of
4.2 Measurement System
4.3 3 sources
5 Electromagnetic compatibility test plan
5.2 Configuration of the equipment under test (EUT) during the test
5.3 EUT operating conditions during the test
5.4 Functional Characteristics Specification
5.5 Test description
5.6 Cut-off frequency
5.7 Time-averaged signal level
5.8 Filter Attenuation
5.9 Reference attenuation
6 Microphone Positions 4
6.1 Test conditions
6.2 Immunity test requirements
6.3 Accidental Aspects
6.4 Performance Criteria
6.5 Type Tests for Thermometers
6.6 Additional Type Tests for Special Applications of Thermometers
6.7 Summary of Tests
7 Installation and Operating Conditions of Machinery 5
7.1 For Resistors Only
7.2 For Resistors and/or Thermometers
7.3 Test
7.4 Baseplate Grouting
7.5 Concrete Structure Renovation and Grouting Reinforcement



Preview: page 2 of 4 shown, 17 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-19846-2005

7.6 Prestressed Duct Grouting
7.7 Winter and High-temperature Construction
7.8 Curing
8 Measurement 6
9 Test Report 9

## 1 Foreword

GB/T 19846-2005 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 July 2026 and has been in force since 1 February 2027.

The GB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 17 pages in English translation.

## 2 Scope Preview

GB/T 19846-2005 falls under ICS 17.160, in the field of metrology and measurement.

This catalogue holds 1,153 other GB/T standards in that field.

In this catalogue, GB/T standards carry edition years from 1963 to 2026.

## 3 About this standard

Sector: National Standard (Recommended)

Issued by: State Administration for Market Regulation; Standardization Administration of China

English translation: about 17 pages (approximate)

Chinese original: about 26,223 characters

## 4 Related standards

Other editions:

GB/T 19846-2026 (later edition)

Standards on related subjects:

GB/T 19943-2005 - Non-destructive test -- Radiographic examination of metallic materials



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by X-and gamma-rays -- Basic rules

GB/T 19802-2005 - Non-destructive testing -- Industrial radiographic illuminators -- Minimum requirements

GB/T 19873.1-2005 - Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 1: General procedures

GB/T 19799.1-2026 - Non-destructive testing - Ultrasonic testing block - Part 1: Standard block No.1

GB/T 18258-2026 - Damping materials - Testing method for damping properties

## 5 Classification and status

International classification (ICS): 17.160

Chinese Standard Classification (CCS): J 04

Prefix GB/T: recommended standard.



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