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

GB/T 46760-2025

Replacing GB/T 7920.4-2016

**Building construction machinery and equipment - Concrete and
mortar machinery terminology**

建筑施工机械与设备 混凝土和砂浆机械术语

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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 7920.4-2016 "Terminology for Concrete Machinery". Compared with GB/T 7920.4-2016, except for structural adjustments and compilation... Aside from the logical changes, the main technical changes are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2016 edition);
- b) Added the terms and definitions for "concrete," "mortar," and "dry-mixed mortar" (see Chapter 3);
- c) The terms and definitions related to the classification, components, and technical performance of concrete mixers have been changed (see 4.1.1,.2016 edition). 2.1);
- d) The terms and definitions related to the classification, components, and technical performance of concrete batching plants (buildings) have been changed (see 4.1.2,.2016 edition). 2.2);
- e) Added terms and definitions related to the classification, components, and technical performance of mortar mixing machinery (see 4.2);
- f) Added terms and definitions related to the classification, components, and technical performance of complete sets of manufactured sand production equipment (see 4.3);
- g) The term and definition of "electric concrete mixer truck" have been added (see 5.1.1.1.5);
- h) Added terms and definitions related to the classification, components, and technical performance of dry-mixed mortar transportation equipment (see 5.2);
- i) The terminology and definitions related to the technical performance of concrete pumps have been changed (see 6.1.3, 2.4.3.1 of the.2016 version);
- j) The term and definition of "electric concrete pump truck" have been added (see 6.2.1.2);
- k) The term and definition for "mixing and placing pump truck" have been added (see 6.3);

1 Scope

GB/T 46760-2025 is the Chinese national standard covering the vocabulary of concrete plant - the batching and mixing equipment, the truck mixer and the pump with its boom, the shotcrete machine and the mortar mixers and sprayers, each named once for the standards and the contracts that use them. At 24,500 words. It replaces GB/T 7920.4-2016 and rennumbers it into the 46760 series. In force from 1 May 2026. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 7920.4-2016.

This document defines the roles of concrete (mortar) machinery in the preparation,

transportation, pouring, vibration, smoothing, spreading, and recycling of concrete (mortar). Terms and definitions used in processes such as concrete. This document applies to concrete and mortar machinery.

2 Normative references

This document has no normative references.

3 Material Terminology

3.1 concrete It is prepared by mixing cementitious materials, coarse aggregate, fine aggregate, and water, as well as admixtures and additives as needed, in a certain proportion, and then uniformly stirring. Mixing is a building material formed through hydration. [Source: GB/T 43609.1-2023, 3.1]

3.2 Mortar A binding material made by mixing cementitious materials (such as cement), fine aggregates, water, or additives (optional). [Source: GB/T 43609.1-2023, 3.2]

3.3 dry mortar A material made by mixing cementitious materials (cement, gypsum, etc.), fine aggregates, or additives (optional), which hardens when mixed with water. [Source: GB/T 43609.1-2023, 3.3]

4.1.1 Concrete mixer

4.1.1.1 Classification 4.1.1.1.1 concrete mixer Concrete is produced by mixing water, cementitious materials, aggregates, and chemical additives in a pre-mixed ratio (by mass or volume) within a specific time period. The equipment. [Source: GB/T 43609.1-2023, 3.7]