

ICS 91.220
CCS P97



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

GB/T 10171-2016

Replacing GB/T 10171-2005

**Building construction machinery and equipment - Concrete
mixing plant(tower)**

建筑施工机械与设备 混凝土搅拌站（楼）

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 10171-2005 "concrete mixing station (House)." Compared with GB/T 10171-2005 major technological changes as follows:

- Modify the application of the criteria range (see Chapter 1, Chapter 1, 2005);
- Increasing the definition of nominal capacity (see 3.1);
- Remove the mixing station demolition of terms and definitions (see the 2005 version 3.10);
- Increasing the discharge height of the definition (see 3.11);
- Modify the main parameters of the series, with a corresponding series mixing console main parameters (see 4.1, 2015, version 4.3.);
- Remove the "removable - not labeled" (see Table 2);
- Equipment noise requirements listed separately (see 5.1.9 and Table 4);
- Remove the star silo dragline formula feeding device content, increasing the content of the hopper feeding mechanism (see 5.3.1, 2005 5.3.1 and Table 5.);
- Modified material measurement accuracy, increased dynamic measurement accuracy of each plate and cumulative dynamic measurement accuracy requirements (see 5.5.2.3, Tables 7 and 8, 2005 5.5.2.3 and Table 7);
- Increase the "three-phase five-wire" (see 5.9.1.2, 2005 5.9.1.2...);

1 Scope

GB/T 10171-2016 is the Chinese national standard on building construction machinery and equipment - concrete mixing plant(tower), in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 24 February 2016 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 10 April 2016. Classification: ICS 91.220, CCS P97. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the concrete mixing plant (floor) of the terms and definitions, main parameters and models, technical requirements, test methods, inspection rules, marking, packaging, transportation and storage. This standard applies to the construction period and continuous use of concrete mixing station (House).

2 Normative references

The following documents for the application of this document is essential. For cited documents with dates, only the dated edition applies to this document. For undated references, the latest edition (including any amendments) applies to this document.

GB 150 (all parts) pressure vessel

GB 5226.1-2008 Safety of machinery - Electrical machinery and electrical equipment - Part 1. General requirements

GB 7251.1 Low-voltage switchgear and control equipment - Part 1. General

GB 7251.2 Low-voltage switchgear and control equipment Part 2. Particular requirements for busbar trunking systems (busways)

GB 7251.3 Low-voltage switchgear and control equipment Part 3. Specific requirements for non-professionals to enter the venue of low-voltage switchgear and control equipment

GB 7251.4 Low-voltage switchgear and control equipment - Part 4. Particular requirements for assemblies for construction equipment (ACS) of

GB/T 7724 Electronic weighing instruments

GB/T 7920.4 concrete machinery terminology

GB/T 7935 General technical conditions for hydraulic components

GB/T 9142-2000 concrete mixer GB/T 10595 Belt GB/T 13306 signs

GB/T 13325 basic norms noise machinery and equipment operator position radiation noise measurement (engineering grade)

GB 14249.1 electronic weighing security requirements

GB 14902 ready-mixed concrete

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