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

中华人民共和国国家标准

GB/T 13333-2004

Replace GB/T 13333-1991

Concrete pump

混凝土泵

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Foreword

This Standard will replace GB/T 13333-1991 *Concrete pump*.

Comparison with GB/T 13333-1991, main changes of this Standard are as follows:

- Added the characteristic and code into model of concrete pump, added maximum pressure of pump concrete into main parameters;
- Cancelled the contents on mass fraction in previous edition;
- Measurement method of noise refers to GB/T 16710.2-1996 and GB/T 16710.4-1996;
- Added reliability requirements and test methods;
- Stipulated the assessment principle of type test;
- Stipulated the contents of test reports.

Annex A, B and E of this Standard are normative annex.

Annex C, D, F and G of this Standard are informative annex.

This Standard is proposed by Ministry of Construction of the People's Republic of China

This Standard is under the jurisdiction of Beijing Academy of Building Research Center.

The responsible drafting organizations are Changsha Construction Machinery Research Institute and Changsha Zoomlion Heavy Industry Science and Technology Development Co., Ltd.

The chief drafting staff of this standard includes Cao Zhongmei and Liu Quan.

Concrete pump

1 Scope

This standard formulated classification, technical requirements, test method, inspection rules and marking, packing, transportation, storage of concrete pump.

This standard applies to the concrete pumps theoretic deliver less than 180 m³/h (including 180m³/h).

The pumping units of transported concrete pumps and concrete pump truck shall be performed in accordance with reference.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 3766 Hydraulic fluid power— General rules relating to systems (eqv ISO 4413:1998)

GB/T 3797-1989 Electric-driving controlgear—Part 2: Electric-driving controlgear incorporating electronic devices

GB 4208 Degrees of protection provided by enclosure (IP code) (eqv IEC 529:1989)

GB/T 14039 Hydraulic fluid power--Fluids--Method for coding the level of contamination by solid particles (eqv ISO 4406:1987)

GB/T 16710.1 Earth-moving machinery-Noise limits

GB/T 16710.2 Measurement of exterior noise emitted by earth-moving machinery -Stationary test conditions

GB/T 16710.4 Measurement of exterior noise emitted by earth-moving machinery -Dynamic test conditions (eqv ISO 6395:1988)

GB/T 17626.3 Electromagnetic compatibility--Testing and measurement techniques--Radiated, radio-frequency, electromagnetic field immunity test (idt IEC 61000-4-3:1995)

GB/T 17626.4 Electromagnetic compatibility-- Testing and measurement techniques --Electrical fast transient/burst immunity test (idt IEC 61000-4-4:1995)

JB/T 3249 Engineering machinery Fender and hood (eqv ISO 3457:1986)

JB/T 3873 Earth-moving machinery - Method for locating the center of gravity (idt ISO 5005:1977)

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