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

GB/T 35194-2017

**Earth-moving machinery - Non-road mechanical drive
wide-body dumpers - Technical specifications**

土方机械 非公路机械传动宽体自卸车 技术条件

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard is proposed by the China Machinery Industry Federation. This standard by the National Earth Machinery Standardization Technical Committee (SAC/TC334) centralized. This standard is drafted by Shaanxi Tongli Heavy Industries Co., Ltd., Tianjin Construction Machinery Research Institute, Zhengzhou Yutong Heavy Industry Co., Ltd., Tai'an Space Special Vehicles Co., Ltd., Shandong Lingong Construction Machinery Co., Ltd., Shaanxi Tong Yun Heavy Industry Co., Ltd., Xuzhou Xugong Automobile Manufacturing Co., Ltd. Limited company. Participated in the drafting of this standard. Shandong Pengxiang Automobile Co., Ltd., Xiamen, Xiamen Heavy Industries Co., Ltd., Lingong Group Jinan Heavy Machinery Co., Ltd. the company. The main drafters of this standard. Mu Junfa, Wu Hongli, Wang Xiang, Liu Zhongcun, Zhang Huating, Li Wanbo, Zheng Xiaojing, Zhu Guanggang, Zheng Yuanguai, Qiu Zhaoqiang, Fan Cuiling. Earth-moving machinery non-road mechanical transmission wide-body dump truck Technical conditions

1 Scope

China's national specification for non-road mechanical drive wide-body dump trucks powered by internal combustion engines. It specifies the terms and definitions, the requirements, the test methods, the inspection rules and the marking, packaging, transport, storage and accompanying documents. The wide-body dumper is a Chinese answer to a Chinese problem: a truck built for the haul roads of open pit mines and large earthworks, wider and heavier than a highway tipper but far cheaper than a rigid mining truck, and carrying between about thirty and ninety tonnes. It occupies the gap in which a road-legal truck is destroyed within months and a proper mining truck cannot be justified. Because it descends from the road truck rather than from mining equipment, the specification has work to do: the chassis, axles and brakes have to be rated for a duty cycle of continuous overload on unmade surfaces, and the standard sets out what that rating means and how it is demonstrated.

This standard specifies the terms and definitions, requirements, test methods, inspection rules, signs, packaging, transportation Lose, store and random file. This standard applies to internal combustion engine powered rear dump off-road mechanical drive wide-body dump

truck (hereinafter referred to as dump truck).

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1190 construction machinery tire technical requirements

GB/T 2883 construction machinery rims specifications series

GB/T 8419 Earth-moving machinery driver's seat vibration laboratory evaluation

GB/T 8593.1 Earth moving machinery - Symbols for driver's controls and other display devices - Part 1. Generic symbols

GB/T 8593.2 earthmoving machinery - Symbols for driver's and other displays - Part 2. Machines, work equipment and accessories Special symbol of the piece

GB/T 8595 earth-moving machinery driver's operating device Hydraulic fluid - Particulate code for the determination of solid particles pollution level GB/T 14039-2002

GB/T 14781 earthmoving machinery tire machine steering requirements

GB 16710 earth machinery noise limits Earthwork machinery driver field test methods and performance criteria

GB/T 17300 earth moving machinery access

GB 17691 compression limit, gas-fired ignition engines and automotive exhaust pollutant emission limits and measurement methods (China III, IV, V stage)

GB/T 17771 earth machinery fall protection structure laboratory test and performance requirements Earth - moving machinery seat belts and fasteners performance requirements and experiments

GB/T 17921 Earth-moving machinery

GB/T 17922 Earth-moving machinery rolling protection structure laboratory tests and performance requirements GB .20178 Earth-moving machinery and machinery safety labels General