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

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**CNC Heavy Duty Gantry Moving Boring and Milling Machine -
Part 1: Accuracy Inspection
(English Translation)**

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What this standard covers

This standard specifies the type and description of CNC heavy-duty gantry movable boring and milling machines, the definition of components and the naming of axes, general requirements, geometric accuracy inspection, working accuracy inspection and positioning accuracy and repeated positioning accuracy inspection of CNC axes. This standard is applicable to the inspection activities of CNC heavy-duty gantry boring and milling machines with general purpose and ordinary precision, with movable gantry and fixed workbench, and a workbench width of 2000mm ~ 10000mm. This standard does not apply to single-column, fixed-gantry and movable table boring and milling machines, nor does it apply to operating inspections before machine tool accuracy inspection (such as inspections for vibration, abnormal noise and crawling of moving parts) and machine tool characteristic inspections. (Such as speed and feed rate inspection).

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