



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

GB/T 50854-2024

Replacing GB 50854-2013

**Standard for the measurement of building construction and
fitting-out works**

房屋建筑与装饰工程工程量计算标准

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jointly with the State Administration for Market Regulation**

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Foreword

This document was issued on 12 November 2024 by the Ministry of Housing and Urban-Rural Development of the PRC, jointly with the State Administration for Market Regulation and takes effect on 1 September 2025.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer applies.

The document runs to 117 pages. The identification, the dates, the classification and the table of contents on this page are taken from the cover and the printed contents of the standard itself.

This standard was approved and issued by the Ministry of Housing and Urban-Rural Development of the People's Republic of China as Announcement No. 191 of 2024, dated 12 November 2024, and takes effect on 1 September 2025. On that date it supersedes the national standard GB 50854-2013 "Code of bills of quantities and measurement for building construction and decoration works".

Among the main changes of the revision: the bill of quantities items for demolition works and for construction methods that have fallen out of use have been deleted and items corresponding to current design and construction practice added; and the measurement rules for the preliminaries have been revised, with formwork now measured within the sectional and itemised bill of quantities rather than as a preliminary.

The document carries sixteen annexes, from Annex A to Annex R, one for each trade, and they occupy almost the whole of it: each gives the bill of quantities items for that trade, with for every item the code, the item name, the item characteristics to be described, the unit of measurement, the measurement rule and the work included.

1 Scope

GB/T 50854-2024 is the Chinese standard for measuring building construction and fitting-out works, and it is the companion to GB/T 50856 on the installation trades. Between them they are the measurement rules the Chinese bill of quantities system runs on: in China the bill is prepared to a national standard rather than to a house rule, so this document is what a quantity is calculated by and what a claim is argued from. It sets the general provisions and the terms, the rules for measurement, and the rules for compiling the bill of quantities including the preliminaries. The substance is in the sixteen annexes, one per trade: earthworks and rock works, ground treatment and slope support, piling, masonry, concrete and reinforced concrete, metal structures, timber structures, doors and windows, roofing and waterproofing, insulation and anti-corrosion, floor finishes, wall and column finishes with partitions and curtain walling, ceilings, painting and paperhanging, other finishes, and the preliminaries. For each item the annex gives the code, the name, the characteristics to be described, the unit, the measurement rule and the work deemed included. The 2024 edition replaces GB 50854-2013.

4 Compilation of the bill of quantities

Clause 4 is organised as follows: 4.1 General rules; 4.2 Sectional and itemised works; 4.3 Preliminaries and general items.