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

GB/T 14511-2008

Replacing GB/T 14510-1993

Specifications for printing of maps

地图印刷规范

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1 Scope

GB/T 14511-2008 is the Chinese national standard on specifications for printing of maps, in the field of natural and applied sciences. 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 20 June 2008 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 1 December 2008. Classification: ICS 07.040, CCS A79. 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 basic principles of map printing, print original receipt and inspection requirements, process design requirements as well as pre-press, printing, India After processing operations specifications and quality requirements of each process. This standard applies to the national basic scale map, the general map and thematic maps (including atlases, books) like printing.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 11500-1989 photographic transmission density measurement geometry (neq ISO 5-2.

1985)

GB/T 11501-1989 photography spectrum condition density measurement (neq ISO 513. 1984)

GB/T 14706 proofreading symbols and their use (GB/T 14706-1993, neq ISO 5776. 1983)

GB/T 17934.2-1999 printing technology tone color separations, proofs and production prints process control - Part 2. Offset (eqv ISO 12647-2.1996)

GB/T 18720-2002 printing technology Printing Control Strip Application (neqDIN16527-1.1993,16527-3.1993)

GB/T 18722-2002 printing technology reflection density measurement and color measurement applications in the printing process control (Eqv ISO 13656.2000)

GB/T 20257 (all parts) national basic scale map schema CY/T 27-1999 binding quality requirements and test methods

--- hardcover CY/T 28-1999 binding quality requirements and test methods

ISO 5-3.1995 Photography density measurements - Part 3. Spectral conditions

ISO 14981 printing technology printing reflection densitometer optics, geometry and surveying conditions

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Use a plate or other means (such as a digital carrier) will be transferred to the graphic information on the original copy process on the substrate.

Note 1. This standard printing has both broad and narrow concepts. In broad terms, refers to printing prepress, printing, finishing the whole process; the narrow sense, refers only to the use of print Analog or digital image vector coloring agent/pigment (such as ink) is transferred to the substrate on the replication process.

Note 2. rewrite GB/T 9851.1-1990, Definition 2.

3.2 Achieve printing procedures and methods of operation. [GB/T 9851.1-1990, Definition 6]

3.3 Map printing process, physical or graphic information carrier plate, printing is based on.