Chinastandards.org

ICS 07.040
CCS A 76

CH

CH/T 2014-2016

General technical specifications for coordinate transformation of geodetic control points

大地测量控制点坐标转换技术规范

(English Translation)

Issued on: December 29, 2016 **Implemented on: March 1, 2017**

Issued by: Ministry of Natural Resources of the People's Republic of China

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ch-t-2014-2016

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

CH/T 2014-2016 was issued by Ministry of Natural Resources of the People's Republic of China on 29 December 2016 and has been in force since 1 March 2017.

The CH/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements for the coordinate transformation of geodetic control points to the 2000 national geodetic coordinate system, including the selection of coincidence points, coordinate transformation models, conversion methods, and accuracy evaluation. This standard applies to the local independent coordinate system, 1954 Beijing coordinate system, 1980 Xi'an coordinate system, WGS-84 coordinate system, and the coordinates of the geodetic control point under the ITRF framework to the

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ch-t-2014-2016

2000 national land coordinate system.

CH/T 2014-2016 falls under ICS 07.040, in the field of natural and applied sciences.

This catalogue holds 64 other CH/T standards in that field.

In this catalogue, CH/T standards carry edition years from 1999 to 2024.

3 About this standard

Issued by: Ministry of Natural Resources of the People's Republic of China

English translation: about 15 pages

Chinese original: about 22,291 characters

4 Related standards

Standards on related subjects:

GB/T 18314-2009 - Specifications for global positioning system (GPS) surveys

GB/T 12898-2009 - Specifications for the third and fourth order leveling

GB/T 12897-2006 - Specifications for first and second order levelling

5 Classification and status

International classification (ICS): 07.040

Chinese Standard Classification (CCS): A 76

Prefix CH/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/ch-t-2014-2016