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ICS 91.120.25
CCS P 15

DB

DB/T 105-2025

Specification for the operation of seismic networks GNSS fiducial station of crustal deformation monitoring networks

地震台网运行规范 地壳形变台网全球导航卫星系统基准站

(English Translation)

Issued on: July 31, 2025

Issued by: China Earthquake Administration

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https://chinastandards.org/standards/db-t-105-2025

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1 Foreword

DB/T 105-2025 was issued by China Earthquake Administration on 31 July 2025.

The DB/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.

2 Scope Preview

This document specifies the content regarding the maintenance, report writing, data management, and quality evaluation of the Global Navigation Satellite System reference stations of the Crustal Deformation Network. Requirements. This document applies to the operation and maintenance of GNSS reference stations in the crustal deformation network. It can be used as a reference for the operation and maintenance of other types of GNSS observation stations.

DB/T 105-2025 falls under ICS 91.120.25, in the field of construction materials and building.

This catalogue holds 94 other DB/T standards in that field.

In this catalogue, DB/T standards carry edition years from 2000 to 2026.

3 About this standard

Issued by: China Earthquake Administration

4 Related standards

Standards on related subjects:

GB/T 17742-2020 - The Chinese seismic intensity scale

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DB/T 60-2015 - Specification for the construction of seismic stations - Stations for rapid reporting of seismic intensity and earthquake early warning

DB/T 113.1-2026 - Standard system diagram for earthquake disaster prevention sub-industry

DB/T 112-2026 - Standard system diagram for earthquake disaster prevention sub-industry

5 Classification and status

International classification (ICS): 91.120.25

Chinese Standard Classification (CCS): P 15

Prefix DB/T: recommended standard.

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