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ICS 91.120.25
CCS P 15

DB

DB/T 18.1-2006

Specification for the construction of seismic station Geoelectrical station Part 1: Geoelctrical resistivity observatory

地震台站建设规范 地电观测台站 第1部分:地电阻率台站

(English Translation)

Issued on: February 20, 2006 **Implemented on: May 1, 2006**

Issued by: China Earthquake Administration

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https://chinastandards.org/standards/db-t-18-1-2006

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1 Foreword

DB/T 18.1-2006 was issued by China Earthquake Administration on 20 February 2006 and has been in force since 1 May 2006.

It is one of 2 parts of the DB/T 18 series.

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 standard specifies the station earth resistivity observation site, observation device, observation room and device configuration requirements of the technical requirements as well as archived TPR data. This section applies to construction and renovation earthquake monitoring and forecasting and scientific research related to the resistivity stations.

DB/T 18.1-2006 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

English translation: about 14 pages

Chinese original: about 21,296 characters

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4 Related standards

Other parts of this standard:

DB/T 18.2-2006 - Specification for the construction of seismic station Geoelectrical station. Part 2: Geoelctrical field observatory

Standards on related subjects:

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

DB/T 10-2016 - Digital Strong Motion Accelerograph

DB/T 4-2025 - Coding rules for earthquake monitoring station

DB/T 24-2025 - Specification for earthquake case stigmatization

DB/T 20.1-2025 - Specification for the construction of seismic station - Underground fluid station - Part 1: Water level, flow rate and temperature

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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