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ICS 91.120.25
CCS P 15

DB

DB/T 19-2020

Replacing DB/T 19-2006

Specification for the construction of seismic station. Global navigation satellite system fiducial station

地震台站建设规范 全球导航卫星系统基准站

(English Translation)

Issued on: September 21, 2020

Issued by: China Earthquake Administration

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1 Foreword

DB/T 19-2020 was issued by China Earthquake Administration on 21 September 2020.

It replaces the earlier edition DB/T 19-2006.

2 Scope

This standard specifies the technical requirements for site survey and selection, observation piers, observation room and studio construction, equipment configuration and data archiving for the construction of global navigation satellite system (GNSS) reference stations. This standard applies to the construction of GNSS reference stations for crustal movement observation. The construction and transformation of other GNSS reference stations can be used as reference.

3 Normative references

GB/T 6107-2000 - Interface between data terminal equipment and data circuit termination equipment employing serial binary data interchange

GB 50007-2011 - Code for design of building foundation

GB 50010-2010 - Code for design of concrete structures

GB 50011-2010 - Code for seismic design of buildings

GB 50021-2001

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4 About this standard

Issued by: China Earthquake Administration

English translation: about 26 pages

Chinese original: about 30,378 characters

Supersedes the earlier edition DB/T 19-2006.

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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