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Replacing GB/T 22385-2008

Specification for acceptance of dam safety monitoring system

大坝安全监测系统验收规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 22385-2008 "Acceptance Specification for Dam Safety Monitoring System".

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) Added "observation", "monitoring", "safety monitoring", "surveillance", "online monitoring", "monitoring indicators", "monitoring equipment" and "monitoring facilities" The terms and definitions of "monitoring system", "initial measurement value", "initial value", "baseline value", "preliminary analysis of monitoring data" and "comprehensive analysis of monitoring data" are as follows.

Meaning (see 3.7, 3.8, 3.9, 3.10, 3.11, 3.12, 3.13, 3.14, 3.15, 3.16, 3.17, 3.18, 3.19, 3.20);

b) Added four chapters. "Environmental quantity monitoring acceptance", "Hydraulics monitoring acceptance", "Strong vibration monitoring acceptance", and "Monitoring information management system acceptance" Content (see Chapters 5, 9, 10, and 13);

c) Deleted the requirements for the composition of the working committees (groups) for the acceptance of sub-projects, stage acceptance, and final acceptance, as well as the requirements for the final acceptance meeting.

Relevant contents of general working procedures (see 5.2.3, 5.3.3, 5.4.4, 5.4.5, 5.4.9 of the 2008 edition);

d) Added the acceptance of equipment related to surface deformation total station automated observation, global navigation satellite (GNSS) system, and electromagnetic settlement ring.

Related requirements (see 6.2.2.5, 6.2.2.6, 6.2.2.19);

e) Deleted the specific test frequency requirements for deformation, seepage, stress, strain and temperature monitoring items (see 6.3.2.1, 2008 edition). 7.3.2.1, 8.3.1.4);

f) Added relevant content on video surveillance system acceptance (see 11.2.1.3, 11.3.1, 11.3.2);

- g) The contents of monitoring automation system power supply, communication, test station, trial operation and maintenance have been changed (see 11.2.2.3, 11.2.2.4, 11.2.2.6, 11.3.1, 9.2.2.3, 9.2.2.4, 9.2.2.7, 9.3.1 of the 2008 edition);
- h) The chapter title of "Monitoring Data Compilation and Preliminary Analysis" was changed to "Monitoring Data Compilation and Analysis Results Acceptance", adding Relevant contents of acceptance of preliminary analysis of measurement data and comprehensive analysis results of monitoring data (see 12.3.1 and 12.3.2);
- i) Deleted the contents related to sub-projects and sub-sub-projects (see Appendix C of the 2008 edition);
- j) The Appendix "Format of Completion Acceptance Appraisal" is changed from a normative appendix to an informative appendix (see Appendix C, Appendix G of the 2008 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the China Electricity Council.

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2008 as GB/T 22385-2008;
- This is the first revision.

Acceptance specification for dam safety monitoring system

1 Scope