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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 26429-2022

Replacing GB/T 26429-2010

Specification for plant project management and supervision

设备工程监理规范

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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 of Standardization Documents" drafted. This document replaces GB/T 26429-2010 "Equipment Engineering Supervision Specification". Compared with GB/T 26429-2010, except for structural adjustment and In addition to editorial changes, the main technical changes are as follows:

- a) Added "Activity", "Process", "Risk", "Quality Control", "Progress Control", "Contract Management", "Project Management" and "Project Management Plan" Terms and definitions of "equipment supervision", "supervision details", "supervision notice", "supervision contact sheet", "supervision control point", "inspection" and "audit" (see 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.10, 3.21, 3.22, 3.23, 3.24, 3.29, 3.30);
- b) The terms and definitions of "quality plan" and "daily inspection" were deleted (see 3.17 of the.2010 edition);
- c) Added the chapter "Principles of Equipment Supervision" (see Chapter 4);
- d) The basic requirements of equipment supervision units have been changed, and human resource management and confidentiality management have been added (see 5.1, 5.3, 5.5,.2010 edition) Chapter 4);
- e) Changed the resource management of equipment supervision units, and added content such as supervision service requirements and external supplier management (see Chapter 6,.2010). Chapter 5 of the edition);
- f) added the chapter "Startup Process and Activities" (see Chapter 7);
- g) Changed the realization of equipment supervision service, adjusted to "planning process and activities" and "supervision process and activities", and added "preparation supervision "Plan", "Preparation of Supervision Rules" and other contents (see Chapter 8, Chapter 9, Chapter 6 of the.2010 edition);
- h) Changed the monitoring, measurement and evaluation of equipment supervision

services, adjusted to "control management process and activities", and added "supervision agency's "Fair and Honest Management" and "Supervisors' Control and Management" (see Chapter 10, Chapter 7 of the.2010 edition);

i) Added the chapter "Closing Processes and Activities" (see Chapter 11). Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents. This document is proposed and managed by the National Standardization Technical Committee of Equipment Supervision Engineering Consulting (SAC/TC423). This document is drafted by: China Equipment Supervision Association, Beijing Kangbull Petroleum Technology Development Co., Ltd., Electric Power (Beijing) Engineering Supervision Co., Ltd. Co., Ltd., Shanghai Tianyou Engineering Consulting Co., Ltd., Shanghai Renhong Engineering Consulting Co., Ltd., Nanjing Sanfang Chemical Equipment Supervision Co., Ltd., National Home Grid Co., Ltd., National Energy Group Materials Co., Ltd. Engineering Supervision Center, Beijing Hoisting and Transportation Machinery Design and Research Institute Co., Ltd., Beijing Wanglian DC Engineering Technology Co., Ltd., Shaanxi Weineng Inspection Consulting Co., Ltd., China Nuclear Power Engineering Co., Ltd., Academy of Railway Sciences (Beijing) Engineering Consulting Co., Ltd., China Southern Power Grid Materials Co., Ltd., China Engineering Consulting Association, China Consulting Engineering Management Consulting Co., Ltd., China Railway Tunnel Bureau Group Co., Ltd., CNOOC Tianjin Chemical Research and Design Institute Co., Ltd., Tongbiao Standard Technical Service Co., Ltd., Zhejiang Jiangnan Engineering Management Co., Ltd. Management Co., Ltd., Guangzhou Rail Transit Construction Supervision Co., Ltd. The main drafters of this document. Li Qiang, Yuan Shengyan, Liu Ruihua, Xin Haiyan, Ji Runjing, Peng Ruoming, Zhang Peng, Chen Lin, Zhang Shude, Lin Yichuan, Zhao Menglin, Zhang Wenyan, Yao Yeqiang, Wang Jianting, Jin Jie, Chen Shuoying, Han Xiaolu. The previous versions of this document and its superseded documents are as follows:

---First published in.2011 as GB/T 26429-2010;

---This is the first revision. Equipment Engineering Supervision Specification

1 Scope

GB/T 26429-2022 is the Chinese national standard on specification for plant project management and supervision, in the field of services and company organization. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 15 April 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2022. Classification: ICS 03.080.99, CCS A20. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken

from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the basic methods and general requirements for equipment engineering supervision services. This document applies to equipment engineering supervision services and management activities carried out by equipment supervision engineers and equipment supervision units.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 19000 Quality Management System Fundamentals and Terminology

GB/T 19001 Quality Management System Requirements

GB/T 23691 Project Management Terminology

GB/T 27020 Conformity Assessment Operational Requirements for Various Inspection Agencies

3 Terms and Definitions

The terms and definitions defined in GB/T 23691 and GB/T 19000 and the following terms and definitions apply to this document.

3.1 activity An identifiable element of work that is completed within a certain period of time and performed during the course of a project. [Source: GB/T 37507-2019, 2.1]

3.2 process A set of interrelated or interacting activities that utilize inputs to achieve a desired outcome. Note

1.The "expected result" of the process is called the output, or is called the product or service, depending on the relevant context. Note

2.The input of a process is usually the output of other processes, and the output of a process is usually the input of other processes. Note

3.Two or more interrelated and interacting continuous processes can also be regarded as a process. Note 4 to entry. Organizations typically plan processes and make them operate under controlled conditions to add value. Note

5.The process that is not easy or economical to confirm whether the output is qualified is usually called "special process". [Source: GB/T 19000-2016, 3.4.1, with modifications]

3.3 risk An event or state that has an indeterminate impact on the project once it occurs.
NOTE. This effect may be positive or negative. [Source: GB/T 23691-2009, 2.11.1]

3.4 quality controlqualitycontrol The part of quality management dedicated to meeting
quality requirements. [Source: GB/T 19000-2016, 3.3.7]

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