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

GB/T 33130-2024

Replacing GB/T 33130-2016

**Specification for the assessment of well-facilitated farmland
construction**

高标准农田建设评价规范

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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 33130-2016 "High-standard farmland construction evaluation specification".

Compared with GB/T 33130-2016, except for the structure In addition to adjustments and editorial changes, the main technical changes are as follows:

- Changed the content of the "Scope" chapter (see Chapter 1, Chapter 1 of the.2016 edition);
- Changed the definitions of the terms "high-standard farmland construction", "high-standard farmland construction evaluation" and "construction quality" (see 3.2, 3.3, 3.5, 3.1, 3.10, 3.4 of the.2016 edition);
- The terms and definitions of "construction tasks", "project quality", "cultivated land quality", "construction results", "construction management" and "social impact" have been deleted (see 2016 version 3.3, 3.5, 3.6, 3.7, 3.8, 3.9);
- Added the term and definition of "cultivated field" (see 3.4);
- Changed the contents of "Evaluation Purpose", "Evaluation Object and Scope", "Evaluation Basis and Content" and "Evaluation Indicators" (see 4.1, 4.2, 4.3 and 4.4, 4.1, 4.2, 4.4 of the.2016 edition);
- Added the content of "evaluation basis and content" (see 4.3);
- Added "comprehensive evaluation method" in "investigation and evaluation method" (see 4.5.4);
- Deleted the "target comparison method" and "sampling survey method" in the "survey and evaluation methods" (see 4.5.6 of the.2016 edition);

1 Scope

GB/T 33130-2024 is the Chinese specification for assessing well-facilitated farmland construction, the programme under which hundreds of millions of mu of Chinese cropland have been consolidated, levelled, irrigated, drained, electrified and given road access in order to secure national grain output. The programme spends on a scale that makes independent verification necessary, and this document is the instrument of it: it establishes the general rules of the assessment, its purpose, object and scope, its basis and content, its indicators, its survey methods, principles and procedure; then the preparatory work and the baseline survey, including how assessment units are delineated, how indicators are chosen, how the field survey is conducted and how data are collected and verified; then the assessment of construction quality itself and its comprehensive scoring; then the preparation, review and archiving of the deliverables; and finally the construction of the

database. Six normative annexes carry the indicator system, the meaning and data source of every indicator, the indicator bands with their criteria and scores, the grading rules, the scoring and summary sheets, and the form of the assessment report. The 2024 edition replaces GB/T 33130-2016, which is superseded, and it applies to the quality assessment carried out after a well-facilitated farmland construction project is complete.

This document establishes the general principles for the evaluation of high-standard farmland construction, and stipulates the preparation work and basic investigation, farmland construction quality evaluation, evaluation The content and requirements of results compilation and database construction. This document applies to the construction quality evaluation work after the completion of high-standard farmland construction projects.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 21010 Classification of land use status

GB/T 30600-2022 General rules for high-standard farmland construction

GB/T 33469-2016 Cultivated land quality grades

GB/T 36197 Soil quality - Guide to soil sampling techniques

GB/T 36199 Soil quality - Guide for soil sampling procedure design

GB 50026 Engineering Measurement Standard

GB 50288-2018 Irrigation and drainage engineering design standard DL/T 5118 Guidelines for planning and design of rural power grids

NY/T 1118 Technical Specification for Soil Testing and Fertilization Formula

NY/T 1119 Technical regulations for monitoring cultivated land quality

NY/T 1121.1 Soil testing Part

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Wel-facilitated farmland The fields are flat, concentrated and contiguous, with complete facilities, water-saving and efficient, agricultural electricity supporting, suitable for farming, fertile soil, eco-friendly and strong disaster resistance. Arable land that can ensure stable

and high yields regardless of drought or flood, and is compatible with modern agricultural production and management methods. [Source: GB/T 30600-2022, 3.1, modified]

3.2 To reduce or eliminate the main limiting factors and comprehensively improve the comprehensive production capacity of farmland, the land improvement, irrigation and drainage, and field Road, farmland protection and ecological environment protection, farmland power transmission and distribution and other farmland infrastructure construction and soil improvement, removal of soil obstacles, soil fertilization And other activities to improve farmland fertility.