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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

HJ 25.1-2019

Technical guidelines for investigation on soil contamination of land for construction

建设用地土壤污染状况调查 技术导则

(English Translation)

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Preview: page 1 of 4 shown, 12 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions
4 Basic principles and working procedures
5 Investigation of soil pollution in the first stage
6 Investigation of soil pollution in the second stage
7 Survey of soil pollution in the third stage
8 Report preparation
Appendix A (Informative) Outline of Survey Report Preparation
Appendix B (informative) Common plots and characteristic pollutants

Foreword

According to the "Environmental Protection Law of the People's Republic of China" and the "Law of the People's Republic of China on Soil Pollution Control", Physical health, protecting the ecological environment, strengthening environmental protection supervision and management of construction land, and regulating the regulation of soil pollution on construction land Check and develop this standard.

This standard specifies the principles, content, procedures and technical requirements for the investigation of soil pollution on construction land.

Appendix A and Appendix B of this standard are informative appendices.

This standard was first published in 2014, and this is the first revision. The main contents of this revision include.

1. The standard name was revised from "Technical Guidelines for Site Environmental Investigation" to "Technical Guidelines for Investigation of Soil Pollution on Construction Land" then";

2. The scope of application shall be modified accordingly with reference to the standard name;

3. Added the normative reference document "Soil Environmental Quality Construction Land Soil Pollution Risk Control Standard" (GB

36600), updated other standards-related content of normative references;

Preview: page 2 of 4 shown, 12 in the full document. Complete English PDF, instant download:
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4. Deleted terms and definitions for "site" and "potentially contaminated site";

5. Removed the conditions for launching the third phase of the soil pollution survey and revised the work on the soil pollution survey Content and procedure diagram;

6. Improved the requirements for testing items in the formulation of the sample analysis plan.

This standard and the following standards belong to a series of environmental protection standards for soil pollution risk management and restoration of construction land.

"Technical Guidelines for the Control and Remediation of Soil Pollution Risks on Construction Land" (HJ 25.2);

"Technical Guidelines for Risk Assessment of Soil Pollution on Construction Land" (HJ 25.3);

"Guidelines for Soil Remediation Technology for Construction Land" (HJ 25.4);

"Technical Guidelines for Risk Control of Contaminated Land and Evaluation of Soil Remediation Effect" (HJ 25.5);

"Guidelines for Groundwater Remediation and Risk Management and Control of Contaminated Land" (HJ 25.6).

As of the implementation of this standard, the Technical Guidelines for Site Environmental Surveys (HJ 25.1-2014) are abolished.

This standard was formulated by the Department of Soil Ecology and Environment, Laws and Standards Department of the Ministry of Ecology and Environment.

1 Scope

This standard specifies the principles, content, procedures and technical requirements for the investigation of soil pollution on construction land.

This standard is applicable to the investigation of soil pollution status on construction land, and provides for the management and restoration of soil pollution risk on construction land.

Basic data and information.

This standard does not apply to the investigation of plots containing radioactive contamination.

2 Normative references

According to the characteristics of the plot and the characteristics of potential pollutants, a survey of the concentration and spatial distribution of the pollutants is conducted to provide the environment for the plot.

Preview: page 3 of 4 shown, 12 in the full document. Complete English PDF, instant download:
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Management provides the basis.

4.1.2 Normative principles

Adopting a programmatic and systematic approach to standardize the investigation process of soil contamination, and ensure the scientific and objective investigation process Observation.

4.1.3 Operational principles

Comprehensively consider factors such as survey methods, time, and funding, and combine current scientific and technological development and professional skills to make surveys the process is practical.

4.2 Working Procedure

The investigation of soil pollution can be divided into three stages. The working procedure of the investigation is shown in Figure 1.

Investigation launched Whether a second stage investigation is needed Collection and analysis of on-site survey staff interview data Result analysis Develop a preliminary sampling analysis work plan Live sampling Data evaluation and analysis Investigation of environmental characteristic parameters Investigation of receptor exposure parameters Do you need detailed sampling and analysis Develop a detailed sampling and analysis work plan

Preview: page 4 of 4 shown, 12 in the full document. Complete English PDF, instant download:
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