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

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**Soil quality -- Guidance on the procedure for the investigation
of urban and industrial sites with regard to soil contamination**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 10381-5.2005 "Soil quality sampling Part 5. Urban and industrial site soil

Guide to Pollution Survey Methods.

In order to be consistent with the existing standard series, this standard has made the following editorial changes.

--- The standard name was changed to "Guidelines for Soil Pollution Survey Methods for Soil Quality Urban and Industrial Sites"

This standard was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic

This standard is under the jurisdiction of the National Soil Quality Standardization Technical Committee (SAC/TC404).

This standard was drafted. Nanjing Institute of Soil Science, Chinese Academy of Sciences, Institute of Urban Environment, Chinese Academy of Sciences, Jiangsu Province Quality and Standardization

Research Institute.

1 Scope

This standard provides guidance for survey procedures for urban and industrial sites where soil contamination is known or suspected of soil contamination. and also

It is suitable for situations where it is necessary to determine the site's pollution status, or for other uses, to determine the site's environmental quality.

This standard collects the information necessary to assess risk and/or develop a repair plan (eg, if repairs are needed and recommended for optimal repairs)

Program) provides guidance. However, this standard only provides guidance on information that is generally needed. It should be emphasized that for specific repair methods, it is possible

Additional information is required.

This standard also applies to sites where contamination is considered to exist but where soil quality needs to be determined (if no pollution is required).

Although the site considered in this standard has been defined as a city and industrial site, this standard also applies to the need to determine the degree of pollution and

Any other venue in the range.

Note 1. The pollution in this standard is defined as the result of human influence. However, the survey method described is also applicable to the potential hazards of natural enrichment.

The place where the substance concentration is higher.

Note 2. The various purposes of soil sampling and the relevant parts of ISO 10381 are listed in Appendix A.

Note 3. Although general information required for assessing risks and/or developing a repair plan is available through this standard, this standard is not applicable to site surveys.

Provide guidance on decisions and measures, such as assessing risks and making decisions that need to be fixed (if any).

Note 4. This standard is only for the investigation of geotechnical soil. Recognizing that there may be abandoned buildings and/or waiting for blasting, demolition and refurbishment on urban and industrial sites

Industrial installations are very important. Failure to complete an investigation of such buildings may put the safety of workers at risk or lead to venue and site weeks.

Pollution spreads. Investigations into abandoned buildings and residue bases are beyond the scope of this standard.

Note 5. In many cases, there is a close relationship between soil pollution and groundwater and soil gas pollution, and the relationship with surface water pollution is weak.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 11074 Soil quality vocabulary (Soilquality-Vocabulary)

3 Terms and definitions

The terms and definitions defined in ISO 11074 apply to this document.

4.1 General

This guide provides a framework for the different stages and steps of land surveys. This clears the pollution situation and facilitates development.

Subsequent risk assessments and, where necessary, assist in the selection and implementation of appropriate remediation options. Information and information requirements for specific purposes

South is available in several international standards including ISO 15175, ISO 15176, ISO 15799 and ISO 15800.