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Soil quality - Sampling - Part 2: Guidance on sampling techniques

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Soil quality — Sampling —

Part 2:

Guidance on sampling techniques

Qualité du sol — Échantillonnage —

Partie 2: Lignes directrices pour les techniques d'échantillonnage



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ISO 10381-2:2002(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 10381 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10381-2 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 2, *Sampling*.

ISO 10381 consists of the following parts, under the general title *Soil quality — Sampling*:

- *Part 1: Guidance on the design of sampling programmes*
- *Part 2: Guidance on sampling techniques*
- *Part 3: Guidance on safety*
- *Part 4: Guidance on the procedure for the investigation of natural, near-natural and cultivated sites*
- *Part 5: Guidance on investigation of soil contamination of urban and industrial sites*
- *Part 6: Guidance on the collection, handling and storage of soil for the assessment of aerobic microbial processes in the laboratory*

The following parts are under preparation:

- *Part 7: Guidance on the investigation and sampling of soil gas*
- *Part 8: Guidance on the sampling of stockpiles*

Annex A of this part of ISO 10381 is for information only.

Introduction

This part of ISO 10381 is one of a group of International Standards intended to be used in conjunction with each other where necessary. It deals with various aspects of sampling for the purposes of soil investigation, including agricultural and contamination investigations, but is not applicable to investigations for geotechnical purposes.

General principles to be applied in the design of sampling programmes for the purpose of characterization of soil and identification of sources and effects of pollution of soil and related material are given in ISO 10381-1. ISO 10381-1, ISO 10381-4 and ISO 10381-5 should be consulted regarding the appropriate equipment, information about where to sample, the tests to be conducted, the type of sample, the depth of sampling, soil type and the required representativeness of the sampling system.

