

ISO 18400 Series of Standards – Imminent Publication of Eight Standards

The eight members of the ISO 18400 series of standards listed below are expected to be published in the near future. There appears to be no reason at present why they should not be adopted as British Standards subject to the inclusion of UK national forewords explaining how they relate to BS 10175: The Standards are:

- ISO 18400-100 Soil quality – Sampling – Umbrella
- ISO 18400-101 Soil quality – Sampling – Framework for the preparation and application of a sampling plan
- ISO 18400-102 Soil quality – Sampling – Selection and application of sampling techniques
- ISO 18400-103 Soil quality – Sampling – Safety
- ISO 18400-105 Soil quality – Sampling - Packing, transport, storage and preservation of samples
- ISO 18400-106 Soil quality – Sampling - Quality control and quality assurance
- ISO 18400-107 Soil quality – Sampling – Recording and reporting
- ISO 18400-201 Soil quality – Sampling - Pretreatment in the field

ISO 18400-102 and ISO 18400-103 are direct replacements for BS ISO 10381-2 and BS ISO 10381-3 which are “normative” in BS 10175 and will be withdrawn. BS 10175 will require amendment to accommodate publication of the new standards. A Drafting Panel will be set up to prepare the Amendment.

Three further International Standards will probably appear as Final Draft International Standards during 2016. These are:

- ISO DIS 18400-202 Soil quality – Sampling - Preliminary investigations
- ISO DIS 18400-203 Soil quality – Sampling - Potentially contaminated sites
- ISO DIS 18400-204 Soil quality – Sampling – Soil gas

ISO 18400-204 will not become a British Standard as it covers the same ground as BS 8576. ISO 18400-203 overlaps with BS 10175 and is therefore unlikely to become a British Standard when published. ISO 18400-202 will be compatible with BS 10175 and will probably become a British Standard in due course.

Two members of the ISO 18400 series are less well advanced:

- ISO CD 18400-104.2 Soil quality – Sampling - Sampling strategies.
- ISO CD 18400-205 Soil quality – Sampling – Natural and near-natural sites

Both are likely to become British Standards in due course replacing respectively BS ISO 10381-1 (Normative in BS 10175) and ISO 10381-4 (not a British Standard). BS ISO 10381-1 will be withdrawn.

It is expected that a replacement for BS ISO 10381-6 about sampling for aerobic microbiological testing will also be produced but a first working draft has not yet been prepared. It has also been suggested that a standard on sampling soils for determination of VOCs should be produced but work has yet to start on this.

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