

GEOENVIRONMENTAL STANDARDS FOR SOIL & SITE ASSESSMENT – 8 November 2018

BS EN ISO 22475-1 Geotechnical investigation and testing – Sampling of soil, rock and groundwater – Part 1: Technical Principles

This is a revision of BS EN ISO 22475-1:2006.

A draft for public comment (prENn, DIS) was issued on 1 November. Comments are required by BSI by **4 January 2019**. Comments can only be submitted via BSI's on-line commenting system:

<https://standardsdevelopment.bsigroup.com/projects/2016-01038>

BS ISO 1400 Series of Standards – Soil quality – Sampling

The remaining five members of the BS ISO 18400 series of standards (-104, -202, -203, -205 and -206) have been published.

- **BS ISO 18400-104:2018** *Soil quality – Sampling - Strategies*
- **BS ISO 18400-202:2018** *Soil quality – Sampling - Preliminary investigations*
- **BS ISO 18400-203: 2018** *Soil quality – Sampling – Guidance on the investigation of potentially contaminated sites*
- **BS ISO 18400-205: 2018** *Soil quality – Sampling – Guidance on the procedure for the investigation of natural, near-natural and cultivated sites*
- **BS ISO 18400-206:2018** *Soil quality – Sampling – Guidance on the collection, handling and storage of soil for assessment of biological functional and structural endpoints in the laboratory*

ISO 18400-203 has been adopted as a BS because it is an essential adjunct to BS ISO 18400-104. It is compatible with BS1075 which it should be seen as complementing but with BS10175 taking precedence.

Sampling soils for VOCs

The drafting panel (EH4/06) for this new standard (BS10176) met for the first time on 3 May and has met several times since. The aim is to circulate the Draft for Public comment in February 2019.

ISO EN 21365 Conceptual site models

The DIS for this new standard has just been published for comment. Whilst a draft International Standard at present, the standard is likely to be adopted as a European Standard (EN) and thus will automatically become a BS. It is thus important to have further input from UK experts via the commenting process on the DIS.

New Project on Section of Remedial and Protective Measures.

AFNOR will be submitting a New Work Item Proposal (NWIP) for a guidance document on the selection and application of remediation techniques. It is intended to have world-wide applicability, including in countries that do not have the range of services available in the UK and similarly developed countries (e.g. will look at what can be done with technologies available in the country). It is also intended to help the user in such countries to judge whether techniques they are being offered by foreign companies are likely to be applicable. UK experts will be required.

Mike Smith



Note: This is not a complete listing of on-going projects. At anyone time there are also a number of geotechnical and ground engineering standards progressing through the ISO/CEN/BS system.

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BSI PROJECTS		
BS10175	Currently no plans for revision	
New British Standard BS10176	Sampling of soils for determination of VOCs	Drafting Panel has met several times and the project is progressing well. Target date for DPC is February 2019
Amendment of BS 5930	Ground investigation	Consultation in progress.
Amendment of BS 8485	Protection of buildings against ground gas	Comments on draft amendment being discussed.
GEOTECHNICAL STANDARDS		
BS EN ISO 22475-1	Geotechnical investigation and testing – Sampling of soil, rock and groundwater – Part 1: Technical Principles	DIS issued for Public Comment. Comments are due with BSI by 4 January 2019.
BS ISO 18400 Series		
BS ISO 18400-104:2018	Strategies	PUBLISHED November 2018
BS ISO 18400-202:2018	Preliminary investigations	
ISO18400-203:2018	Investigation of potentially contaminated sites	
BS ISO 18400-205:2018	<i>Investigation of natural, near-natural and cultivated sites</i>	
BS ISO 18400-206:2018	<i>Sampling for biological assessments</i>	
OTHER ISO STANDARDS ON SOIL & SITE ASSESSMENT		
BS EN ISO FDIS 15175 (REVISION)	Soil & groundwater protection	Comments on FDIS by 22 Oct
BS ISO FDIS 15176 (REVISION)	Guidance on re-use of excavated soil and soil materials	Proceeding to FDIS
BS ISO DIS 15799 (REVISION)	Ecotoxicological characterization of soil & soil materials	Comment period on DIS closed.
ISO DIS 15800 (REVISION)	Human exposure	Proceeding to FDIS. Final meeting December 2018
BS EN ISO FDIS 16133	Design of monitoring programmes [for soil quality]	Comments on FDIS by 23 Oct
BS ISO 17924:2018	Bioavailability of metals in soil to humans	PUBLISHED November 2018
BS ISO 18512:2007	Guidance on long & short term storage of samples	May be revised – decision pending
BS EN ISO 19258:2018	Determination of background values	PUBLISHED Sept 2018
BS EN ISO DIS 21365	Conceptual site models for potentially contaminated sites	DIS issued for commenting by 30 November,
BS EN ISO 21577 (revision)	Field soil description	Proceeding to FDIS

CD = Committee Draft, DIS = Draft International Standard, FDIS = Final Draft International Standard, NWIP = New Work Item Proposal, WD = Working Draft

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