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Geotechnical investigation and testing - Qualification criteria and assessment - Part 3: Qualified enterprise (ISO/TS 24283-3:2022)

Reconnaissance et essais géotechniques - Critères de qualification et évaluation - Partie 3 : Entreprise qualifiée (ISO/TS 24283-3:2022)

Geotechnische Erkundung und Untersuchung - Qualifikationskriterien - Teil 3: Qualifiziertes Unternehmen (ISO/TS 24283-3:2022)

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European foreword

This document (CEN ISO/TS 24283-3:2022) has been prepared by Technical Committee ISO/TC 182 "Geotechnics" in collaboration with Technical Committee CEN/TC 341 “Geotechnical Investigation and Testing” the secretariat of which is held by BSI.

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Endorsement notice

The text of ISO/TS 24283-3:2022 has been approved by CEN as CEN ISO/TS 24283-3:2022 without any modification.

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Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Qualification criteria **1**
Annex A (informative) **Assessment and re-assessment of enterprises** **3**
Bibliography **5**

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 182, *Geotechnics,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 341, *Geotechnical Investigation and Testing,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

A list of all parts in the ISO 24283 series can be found on the ISO website.

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Introduction

The ISO 24283 series specifies the qualification criteria for geotechnical investigation and testing and has three parts:

— Part 1: Qualified technician and qualified operator

— Part 2: Responsible expert

— Part 3: Qualified enterprise

The fulfilment of the technical criteria by the enterprise or the individual can be proven by:

a) a declaration of conformity by a contractor (first party control);

b) a declaration of conformity by a client (second party control);

c) a declaration of conformity by a conformity assessment body (third party control).

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Geotechnical investigation and testing — Qualification criteria and assessment —

Part 3: Qualified enterprise

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1 Scope

This document specifies the qualification criteria for enterprises performing sampling, testing, measuring, monitoring and installation of equipment (e.g. piezometers, borehole heat exchangers, inclinometers and extensometers) in the framework of geotechnical investigation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/TS 24283-1, *Geotechnical investigation and testing — Qualification criteria and assessment — Part 1: Qualified technician*

ISO/TS 24283-2, *Geotechnical investigation and testing — Qualification criteria and assessment — Part 2: Responsible expert*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
enterprise
public or private organisation providing services

3.2
qualified enterprise
enterprise (3.1) having documented competence to perform specified parts of sampling, laboratory and field testing, measuring, monitoring and installation of equipment

4 Qualification criteria

The enterprise carrying out sampling, laboratory and field testing, measuring, monitoring and installation of equipment should be able to demonstrate adequate competence and have:

a) experienced and qualified personnel and facilities to manage and to perform specified types of services complying with the relevant standards (see Bibliography);

b) items of equipment complying with the relevant standards (see Bibliography);

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