SLOVENSKI STANDARD
SIST EN ISO 14689:2018

01-april-2018

Nadomešča:
SIST EN ISO 14689-1:2004

Geotehnično preiskovanje in preskušanje - Prepoznavanje, opisovanje in razvrščanje kamnin (ISO 14689:2017)

Geotechnical investigation and testing - Identification, description and classification of rock (ISO 14689:2017)

Geotechnische Erkundung und Untersuchung - Benennung, Beschreibung und Klassifizierung von Fels - Teil 1: Benennung und Beschreibung (ISO 14689:2017)

Reconnaissance et essais géotechniques - Identification, description et classification des roches (ISO 14689:2017)

Ta slovenski standard je istoveten z: **EN ISO 14689:2018**

ICS:

93.020	Zemeljska dela. Izkopavanja. Gradnja temeljev. Dela pod zemljo	Earthworks. Excavations. Foundation construction. Underground works

SIST EN ISO 14689:2018 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 14689

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ICS 93.020

Supersedes EN ISO 14689-1:2003

English Version

Geotechnical investigation and testing - Identification, description and classification of rock (ISO 14689:2017)

Reconnaissance et essais géotechniques - Identification, description et classification des roches (ISO 14689:2017)

Geotechnische Erkundung und Untersuchung - Benennung, Beschreibung und Klassifizierung von Fels - Teil 1: Benennung und Beschreibung (ISO 14689:2017)

This European Standard was approved by CEN on 20 November 2017.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 14689:2018) 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.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2018, and conflicting national standards shall be withdrawn at the latest by August 2018.

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

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Endorsement notice

The text of ISO 14689:2017 has been approved by CEN as EN ISO 14689:2018 without any modification.

INTERNATIONAL STANDARD

ISO 14689

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Geotechnical investigation and testing — Identification, description and classification of rock

Reconnaissance et essais géotechniques — Identification, description et classification des roches

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Foreword

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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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This document was prepared by Technical Committee ISO/TC 182, *Geotechnics*.

This first edition of ISO 14689 cancels and replaces ISO 14689-1:2003, which has been technically revised.

Introduction

This document gives details of the procedures to be followed in the identification and description of rocks which are to be used at all stages of ground investigation and geotechnical design. This comprises the description of the rock material and the rock mass characteristics in terms of the bedding and discontinuities.

The level of detail in a description will depend on the characteristics of the rock, the size and quality of the rock exposure or sample, and the needs of the particular project. The person carrying out the field identification and description should be suitably qualified, skilled and experienced to make a correct and appropriate description and experienced in the geological materials involved in the investigation.

Practice in rock identification and description varies from country to country, in part reflecting significant differences in geological conditions. In addition, the quality of samples available for description varies due to the investigation methods employed, as methods of investigation have been developed in response to the ground conditions present.