

Recreational diving services - Requirements for training  
on environmental awareness for recreational divers  
(ISO 21417:2019)

## EESTI STANDARDI EESSÕNA

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See Eesti standard EVS-EN ISO 21417:2019 sisaldab Euroopa standardi EN ISO 21417:2019 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 21417:2019 consists of the English text of the European standard EN ISO 21417:2019.
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English Version

**Recreational diving services - Requirements for training  
on environmental awareness for recreational divers (ISO  
21417:2019)**

Services relatifs à la plongée de loisirs - Exigences de  
formation pour la sensibilisation à l'environnement  
des plongeurs de loisirs (ISO 21417:2019)

Dienstleistungen des Freizeittauchens - Anforderungen  
an die Ausbildung zum Umweltbewusstsein von  
Freizeittauchern (ISO 21417:2019)

This European Standard was approved by CEN on 25 July 2019.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN ISO 21417:2019) has been prepared by Technical Committee ISO/TC 228 "Tourism and related services" in collaboration with Technical Committee CEN/TC 329 "Tourism services" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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 21417:2019 has been approved by CEN as EN ISO 21417:2019 without any modification.

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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](http://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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 228, *Tourism and related services*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

The diving community has a unique capability and therefore responsibility in observing and reporting on the condition of the aquatic environment. It is therefore important to have a standard on responsible environmental practices in recreational diver training.

In diver training and diving activities, divers should have an awareness of their environmental impact. This should include actively minimizing any negative aspects, both potential and actual. Such training should encourage awareness of environmentally positive actions.

This document outlines how the recreational diving community can make use of this capability while ensuring that full consideration is given towards divers' interaction with the aquatic environment.

# Recreational diving services — Requirements for training on environmental awareness for recreational divers

## 1 Scope

This document specifies requirements for training programmes designed to educate participants in environmental awareness and sustainable environmental practices in recreational diving activities.

The training programmes consist of theory and an optional practical training segment water session.

## 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 13970, *Recreational diving services — Requirements for the training of recreational snorkelling guides*

ISO 24801-3, *Recreational diving services — Requirements for the training of recreational scuba divers — Part 3: Level 3 — Dive leader*

## 3 Terms and definitions

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

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

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

### 3.1

#### diving activities

activities including scuba diving, snorkelling, free diving (breath hold diving) and diving support services

## 4 Competencies

The training programme shall ensure that, by the end of the course, successful participants will

- be able to apply best practices with regard to their own activities;
- be able to identify best practices with regard to services provided to the participant (e.g. by boat operators, dive centres);
- understand how to interact with the aquatic environment in a way that minimizes negative impact;
- understand how individuals involved in aquatic activities can act to benefit the aquatic world by taking part in activities such as clearing aquatic debris, surveying, reporting or observing aquatic life.

## 5 General

Elements of the training programme in accordance with [Clause 6](#) may be open to divers and non-divers.