



SLOVENSKI STANDARD

SIST EN 14153-3:2004

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Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 3: Level 3 - Dive Leader

Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 3: Level 3 - Dive Leader

Dienstleistungen des Freizeittauchens - Sicherheitsrelevante Mindestanforderungen an die Ausbildung von Freizeit-Gerätetauchern - Teil 3: Ausbildungsstufe 3 - Tauchgruppenleiter

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Services relatifs a la plongée de loisirs - Exigences minimales liées a la sécurité concernant la formation des plongeurs en scaphandre autonome pratiquant la plongée de loisirs - Partie 3: Niveau 3 - "Guide de palanquée"

Ta slovenski standard je istoveten z: EN 14153-3:2003

ICS:

03.080.99	Druge storitve	Other services
03.200	Prosti čas. Turizem	Leisure. Tourism
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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 14153-3

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English version

Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 3: Level 3 - Dive Leader

Services relatifs à la plongée de loisirs - Exigences minimales liées à la sécurité concernant la formation des plongeurs en scaphandre autonome pratiquant la plongée de loisirs - Partie 3: Niveau 3 - "Guide de palanquée"

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This European Standard was approved by CEN on 1 September 2003.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

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EN 14153-3:2003 (E)**Foreword**

This document (EN 14153-3:2003) has been prepared by 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 May 2004, and conflicting national standards shall be withdrawn at the latest by May 2004.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

The European Standards relating to recreational diving services, have been prepared by CEN/TC 329/WG 3 "Recreational Diving Services", with the aim of establishing a series of specifications for safety practices and the provision of services. Therefore these standards specify:

- necessary levels of experience and competency of scuba divers and scuba instructors,
- safety practices and requirements for recreational scuba diving service providers appropriate to the different diving levels.

In any case, they cannot substitute for nor impose upon legal requirements, the alteration of which is outside the competence of the CEN/CENELEC members.

The European Standard EN 14153 consists of the following parts:

- EN 14153-1, Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 1: Level 1 – "Supervised Diver",
- EN 14153-2, Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 2: Level 2 – "Autonomous Diver",
- EN 14153-3, Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 3: Level 3 – "Dive Leader".

The requirements specified are minima; they do not preclude the provision of additional training or the assessment by a service provider of additional competencies. The above mentioned European Standards represent a tool for comparison of existing (or future) qualifications of scuba instructors. In no way do they represent a course programme nor do they imply that course programs and scuba instructor certifications issued by different nations or organisations must necessarily correspond to these levels.

EN 14153-3:2003 (E)**1 Scope**

This European Standard specifies the competencies that a scuba diver has to have achieved in order for a service provider to award the scuba diver certification indicating that he has met or exceeded scuba diver level 3 – “Dive leader” and specifies assessment of these competencies.

It also specifies conditions under which training has to be provided, in addition to the general requirements for recreational diving service provision specified in prEN 14467.

This European Standard applies only to contractual training and certification in recreational scuba diving.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (Including amendments).

EN 250:2000, *Respiratory equipment - Open-circuit self-contained compressed air diving apparatus - Requirements, testing, marking*

EN 12628:1999, *Diving accessories - Combined buoyancy and rescue devices - Functional and safety requirements, test methods*

EN 14153-2, *Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 2: Level 2 – "Autonomous Diver"*

prEN 14413-2, *Recreational diving services - Safety related minimum requirements for the training of scuba instructors - Part 2: Level 2*

prEN 14467, *Recreational diving services – Requirements for recreational scuba diving service providers*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions of EN 250:2000 and EN 12628:1999 and the following apply:

3.1 training organisation

entity providing recreational scuba diving training systems and certification, and which is responsible for the implementation and quality management of scuba diver training

NOTE Entity may include scuba diving federations and scuba diver training agencies.

3.2 certification

confirmation that a student has completed scuba diver training which fulfils all requirements according to this European Standard, as issued by training organisations

3.3 scuba instructor

individual qualified according to prEN 14413-2

3.4 breathing gas

appropriate mixture of oxygen and nitrogen with no less than 20 % oxygen

3.5**confined water**

swimming pool with a depth appropriate to the activity or body of water that offers similar conditions with regard to visibility, depth, water movement and access

3.6**open water**

body of water significantly larger than a swimming pool offering conditions typical of a natural body of water encountered in the region

3.7**diving equipment**

equipment consisting of the following items:

- fins
- mask
- snorkel
- demand regulator (also referred to as a regulator)
- alternative breathing gas system

NOTE This could range from a simple octopus system to a duplicate breathing system with a separate breathing gas supply.

- cylinder
- cylinder-support-system and including (if appropriate) a quick release weight system
- buoyancy compensator,
- a quick release weight system (if appropriate),
- submersible pressure gauge (breathing gas pressure monitor)
- means to measure depth and time and to safely limit exposure to inert gas
- diving suit (if appropriate)

NOTE Specific environments may require additional equipment (e.g. an underwater navigational aid, knife/cutting device).

3.8**dive management**

all actions and measures necessary to ensure safe conduct of recreational scuba diving activities, including:

- briefing
- planning
- conduct and control
- emergency procedures
- de-briefing

EN 14153-3:2003 (E)**4 Competencies of a recreational scuba diver at level 3 – "Dive Leader"**

Scuba divers at level 3 – "Dive Leader" shall be trained such that when assessed in accordance with clause 11 they are deemed to have sufficient knowledge, skill and experience to plan, organise and conduct their dives and lead other recreational scuba divers in open water.

Scuba divers at level 3 – "Dive Leader" are qualified to

- conduct any specialised recreational scuba diving activities for which they have received appropriate training,
- plan and execute emergency procedures appropriate for the diving environment and activities.

Scuba divers at level 3– "Dive Leader" may help to control students and improve safety but may not assess or teach any skills or knowledge to students.

If diving and environmental conditions are significantly different from those previously experienced, a scuba diver at level 3 – "Dive Leader" requires an appropriate orientation with regard to local environmental conditions. In order to lead scuba divers on dives which have more demanding operational parameters a scuba diver at level 3 – "Dive Leader" shall have appropriate specialised training and experience. Examples of such dives include:

- night dives,
- limited visibility dives,
- dives in underwater currents (e.g. drift dives),
- deep dives,
- wreck dives,
- dry suit dives.

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Where further scuba diving instruction is required, in order to meet the above mentioned competencies, this can only be provided by a suitably qualified scuba instructor.

5 Prerequisites for training**5.1 General**

The service provider shall ensure that the client fulfils the following prerequisites to take part in the training course envisaged.

5.2 Minors

Documented parental or legal guardian consent shall be obtained when the applicant is a minor.

5.3 Health requirements

Documented evidence shall be obtained that the student has been medically screened as suitable for recreational diving.

NOTE In some countries and training organisations a medical examination is mandatory.

Students shall be advised of the importance of appropriate regular scuba diving medical examinations.

5.4 Minimum diving experience

Students shall have met all requirements for a level 2 scuba diver according to EN 14153-2.

Students shall have experience of night/limited visibility diving, deep diving (taking into account local environmental conditions), and navigation (as documented in bearer's log).

6 Introductory information

Information according to prEN 14467 shall be made available to the students prior to, or during the first class meeting.

7 Required theoretical knowledge

Students shall have sufficient understanding and knowledge of the following topics to plan and execute their dives in all typical conditions encountered in the local environment and to plan for and respond to possible emergencies during such dives:

- equipment,
- physics of diving,
- medical issues related to diving,
- use of diving tables and dive computers,
- diving environment,
- dive planning and dive management,
- communications, both underwater and on the surface,
- recommended safe diving practices,
- boat diving procedures,
- night diving procedures,
- limited visibility diving procedures,
- deep diving procedures,
- tides and currents,
- limitations of diving with no direct access to the surface,
- navigation,
- accident management,
- lost diver procedures,
- competencies scuba divers at level 1 – "Supervised Diver" and level 2 – "Autonomous Diver",
- awareness and understanding of diving related legislation and legal requirements.

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