



SLOVENSKI STANDARD

SIST EN 14413-1:2004

01-september-2004

Centri za rekreacijsko potapljanje – Minimalne varnostne zahteve za usposabljanje inštruktorjev potapljanja – 1. del: Prva stopnja

Recreational Diving Services - Safety related minimum requirements for the training of scuba instructors - Part 1: Level 1

Dienstleistungen des Freizeittauchens - Sicherheitsrelevante Mindestanforderungen an die Ausbildung von Tauchausbildern - Teil 1: Ausbildungsstufe 1

Services relatifs a la plongée de loisirs - Exigences minimales liées a la formation des moniteurs de plongée subaquatique - Partie 1: Niveau 1

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Ta slovenski standard je istoveten z: EN 14413-1:2004

ICS:

03.080.99	Druge storitve	Other services
03.200	Prosti čas. Turizem	Leisure. Tourism
97.220.40	Oprema za športe na prostem in vodne športe	Outdoor and water sports equipment

SIST EN 14413-1:2004

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14413-1

February 2004

ICS 03.200; 03.080.30

English version

**Recreational Diving Services - Safety related minimum
requirements for the training of scuba instructors –
Part 1: Level 1**

Services relatifs à la plongée de loisirs - Exigences
minimales liées à la formation des moniteurs de plongée
subaquatique - Partie 1: Niveau 1

Dienstleistungen des Freizeittauchens -
Sicherheitsrelevante Mindestanforderungen an die
Ausbildung von Tauchausbildern –
Teil 1: Ausbildungsstufe 1

This European Standard was approved by CEN on 10 December 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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



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Foreword

This document (EN 14413-1:2004) 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 August 2004, and conflicting national standards shall be withdrawn at the latest by August 2004.

Annexes A and B are 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EN 14413-1:2004 (E)**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 14413 consists of the following parts:

- EN 14413-1, *Recreational Diving Services - Safety related minimum requirements for the training of scuba instructors - Part 1: Level 1*
- EN 14413-2, *Recreational Diving Services - Safety related minimum requirements for the training of scuba instructors - Part 2: Level 2.*

The requirements specified are minima; they do not preclude the provision of additional training or the assessment by a training organization 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.

1 Scope

This European Standard specifies the competencies that a scuba instructor ought to achieve in order for a training organization to award the scuba instructor certification indicating that he has met or exceeded scuba instructor level 1 and specifies assessment of these competencies.

It also specifies conditions under which training ought to be provided, in addition to the general requirements for recreational diving service provision in accordance with EN 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 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 14153-3:2003, *Recreational diving services - Safety related minimum requirements for the training of recreational scuba divers - Part 3: Level 3 – Dive Leader*

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

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions 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 in accordance with this European Standard, as issued by training organizations

3.3

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

3.4

open water

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

EN 14413-1:2004 (E)**4 Competencies of a scuba instructor at level 1**

A level 1 scuba instructor shall be trained such that when assessed in accordance with clause 13 they are deemed to be qualified to:

- teach and assess students up to level 1 in accordance with EN 14153-1 on their theoretical knowledge,
- teach and assess students up to level 1 in accordance with EN 14153-1 in confined water,
- if supervised and authorised by a scuba instructor level 2:
 - gain progressive experience in teaching and assessing the theoretical knowledge of scuba diver levels 2 to 3 in accordance with EN 14153-2 and EN 14153-3 respectively,
 - teach any level of scuba diver in confined water,
 - gain progressive experience in teaching and assessing open water surface skills,
- if supervised and directly observed by a scuba instructor level 2:
 - gain progressive experience in teaching and evaluating in confined and open water.

5 Prerequisites**5.1 Practical experience**

The scuba instructor trainer shall ensure that scuba instructor candidates have certification to at least scuba diver level 3 – “Dive Leader” with additional practical experience gained after level 3 certification in accordance with EN 14153-3 prior to their assessment in accordance with clause 13.

5.2 Health requirements

Scuba instructor candidates shall be medically screened as suitable for diving in accordance with procedures laid down by a competent medical authority. If such procedures are not specified scuba instructor candidates shall provide evidence of a diver medical examination not older than one year unless the medical doctor who has carried out the examination specifies longer validity.

6 Scuba instructor candidate information

Information in accordance with EN 14467 shall be made available to the students prior to, or during the first class meeting.

7 Required theoretical knowledge

Scuba instructor candidates shall have extensive theoretical knowledge regarding the scuba skills specified in EN 14153-1, EN 14153-2 and EN 14153-3 and sufficient knowledge to be able to give presentations on topics from EN 14153-1, EN 14153-2 and EN 14153-3:2003, clause 7.

Additionally scuba instructor candidates shall have appropriate knowledge of the following issues:

- medical and psychological contraindications for scuba diving,
- the training requirements for scuba diver level 1 in accordance with EN 14153-1, level 2 in accordance with EN 14153-2 and level 3 in accordance with EN 14153-3,

- the duty of care of a scuba instructor,
- safety regulations affecting scuba diving service provision (e.g. regulations affecting schools, centres, clubs, organisations),
- methods of safely filling diving cylinders including relevant local regulations concerning cylinder working pressures and testing requirements,
- relationships and communication with relevant public authorities (e.g. police, customs, rescue organisations, fire-brigade),
- teaching principles and methodology,
- selection of confined water dive sites.

8 Personal scuba skills

Scuba instructor candidates shall be able to perform all of the personal scuba skills of a level 1, level 2 and level 3 scuba diver in accordance with EN 14153-1, EN 14153-2 and EN 14153-3, respectively, to demonstration quality.

9 Theoretical teaching skills

Scuba instructor candidates shall be able to conduct lesson preparation, planning and delivery of theoretical teaching presentations.

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10 Teaching and supervision of scuba skills

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Scuba instructor candidates shall be able to conduct confined water lessons for students at level 1, level 2 and level 3 from the topics outlined in EN 14153-1, EN 14153-2 and EN 14153-3, respectively.

Lesson elements to be assessed shall include:

- preparation,
- planning,
- briefing and debriefing,
- group control and supervision,
- skill demonstration,
- problem recognition and solving,
- student evaluation.