INTERNATIONAL STANDARD

ISO
24802-2

First edition
2007-02-15

Recreational diving services — Safety related minimum requirements for the training of scuba instructors —

Part 2:
Level 2

Services relatifs à la plongée de loisirs — Exigences minimales liées à la formation des moniteurs de plongée subaquatique —

Partie 2: Niveau 2

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Contents

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 24802-2 was prepared by the European Committee for Standardization (as EN 14413-2:2004) and was adopted, under a special "fast-track procedure", by Technical Committee ISO/TC 228, *Tourism and related services*, in parallel with its approval by the ISO member bodies.

ISO 24802 consists of the following parts, under the general title *Recreational diving services — Safety related minimum requirements for the training of scuba instructors*:

— *Part 1: Level 1*

— *Part 2: Level 2*

Introduction

The International Standards relating to recreational diving services have been prepared by ISO/TC 228/WG 1 "Diving services", with the aim of establishing a series of specifications for safety practices and the provision of services.

Therefore these International 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.

The requirements specified are minimal; they do not preclude the provision of additional training or the assessment by a service provider of additional competencies. These International 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 organizations must necessarily correspond to these levels.

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Recreational diving services — Safety related minimum requirements for the training of scuba instructors —

Part 2:
Level 2

1 Scope

This part of ISO 24802 specifies the competencies that a scuba instructor has to have achieved in order for a training organization to award the scuba instructor certification indicating that he has met or exceeded scuba instructor level 2 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 in accordance with ISO 24803.

This part of ISO 24802 applies only to contractual training and certification in recreational scuba diving.

2 Normative references

The following referenced documents are indispensable for the application 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 24801-1:2007, *Recreational diving services — Safety related minimum requirements for the training of recreational scuba divers — Part 1: Level 1 — Supervised diver*

ISO 24801-2:2007, *Recreational diving services — Safety related minimum requirements for the training of recreational scuba divers — Part 2: Level 2 — Autonomous diver*

ISO 24801-3:2007, *Recreational diving services — Safety related minimum requirements for the training of recreational scuba divers — Part 3: Level 3 — Dive leader*

ISO 24802-1:2007, *Recreational diving services — Safety related minimum requirements for the training of scuba instructors — Part 1: Level 1*

ISO 24803:2007, *Recreational diving services — Requirements for recreational scuba diving service providers*

3 Terms and definitions

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

3.1
training organization
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 part of ISO 24802, 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

4   Competencies of a scuba instructor at level 2

A level 2 scuba instructor shall be trained such that when assessed in accordance with Clause 13 they are deemed to be qualified to:

— plan, organize and conduct dives and lead other recreational scuba divers of all levels in open water, including rescue activities,

— teach and assess students up to scuba diver level 1, level 2 and level 3 in accordance with ISO 24801-1, ISO 24801-2 and ISO 24801-3, respectively,

— supervise level 1 scuba instructors in accordance with ISO 24802-1,

— plan, organize and conduct scuba diver training courses,

— with suitable additional training or experience to plan, organize and conduct appropriate speciality or diving operational activities.

Prior to certification the scuba instructor candidate shall be informed that if diving and environmental conditions are significantly different from those previously experienced, in order to meet the above mentioned competencies, an appropriate orientation with regard to local diving and environmental conditions may be required.

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 to ISO 24801-3 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 ISO 24803 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 ISO 24801-1, ISO 24801-2 and ISO 24801-3 and sufficient knowledge to be able to give presentations on topics from ISO 24801-1:2007, Clause 7, ISO 24801-2:2007, Clause 7, and ISO 24801-3:2007, 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 ISO 24801-1, level 2 in accordance with ISO 24801-2 and level 3 in accordance with ISO 24801-3 and level 1 scuba instructor in accordance with ISO 24802-1,

— the duty of care of a scuba instructor,

— safety regulations affecting scuba diving service provision (e.g. regulations affecting schools, centres, clubs, organizations),

— 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 organizations, fire-brigade),

— administration within a diving centre/club/training organization with regard to diving and training activities,

— teaching principles and methodology,

— selection of dive sites using appropriate navigational aids (e.g. maps, navigational charts, tide tables).

8 Personal scuba skills

Scuba instructor candidates shall be able to perform all of the personal scuba skills from level 1, level 2 and level 3 scuba diver in accordance with ISO 24801-1, ISO 24801-2 and ISO 24801-3, 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.