

STN	Služby rekreačného potápania Požiadavky na výcvik potápačov s rebreatherom Dekompresné potápanie do 45 m (ISO 24805: 2022)	STN EN ISO 24805 95 5012
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Recreational diving services - Requirements for rebreather diver training - Decompression diving to 45 m (ISO 24805:2022)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/22

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English Version

**Recreational diving services - Requirements for rebreather
diver training - Decompression diving to 45 m (ISO
24805:2022)**

Services relatifs à la plongée de loisirs - Exigences
concernant la formation des plongeurs à l'utilisation
des recycleurs - Plongée avec décompression jusqu'à
45 m (ISO 24805:2022)

Dienstleistungen des Freizeittauchens - Anforderungen
an die Ausbildung von Kreislaufgerätetauchern -
Dekompressionstauchen bis 45 m (ISO 24805:2022)

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EN ISO 24805:2022 (E)

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European foreword

This document (EN ISO 24805:2022) 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.

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INTERNATIONAL STANDARD

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Recreational diving services — Requirements for rebreather diver training — Decompression diving to 45 m

*Services relatifs à la plongée de loisirs — Exigences concernant la
formation des plongeurs à l'utilisation des recycleurs — Plongée avec
décompression jusqu'à 45 m*



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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).

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This document was prepared by Technical Committee ISO/TC 228, *Tourism and related services*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 329, *Tourism services*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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ISO 24805:2022(E)**Introduction**

Rebreathers (i.e. breathing devices that recirculate some or all of the diver's exhaled breath and replenish any consumed oxygen to maintain a breathable mixture) are becoming much more widely available and popular among divers. The market for rebreather diving has been constantly growing in recent years and is now considered to be large enough that the need for standards on minimum training requirements for training organizations is evident. Rebreathers allow divers to dive for longer and to greater depths. Such depths can go beyond 30 m and therefore require mandatory decompression stops. If rebreathers are used improperly they can be hazardous; divers have had fatal accidents due to incorrect use of these devices. It is therefore important to specify training for diving with such devices.

Training organizations offering training that conforms with this document may exceed any of the requirements in terms of the volume or complexity of training but should at least ensure the students master all the skills and knowledge defined in this document.

Recreational diving services — Requirements for rebreather diver training — Decompression diving to 45 m

1 Scope

This document specifies requirements for rebreather diver training programmes which provide the competencies required to perform dives with a rebreather to 40 m using a nitrox breathing mixture or to 45 m using a trimix breathing mixture, requiring mandatory decompression stops.

This document specifies evaluation criteria for these competencies.

This document specifies the requirements under which training is provided, in addition to the general requirements for recreational diving service provision in accordance with ISO 24803.

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 11107, *Recreational diving services — Requirements for training programmes on enriched air nitrox (EAN) diving*

ISO 24801-2, *Recreational diving services — Requirements for the training of recreational scuba divers — Part 2: Level 2 — Autonomous diver*

ISO 24802-2, *Recreational diving services — Requirements for the training of scuba instructors — Part 2: Level 2*

ISO 24803, *Recreational diving services — Requirements for recreational diving providers*

ISO 24804, *Recreational diving services — Requirements for rebreather diver training — No-decompression diving*

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