© ISO 2023 – All rights reserved

## ISO/DPAS 20708:2023(E)

Date: 2023-05-15

ISO/TC 228/WG 1

Secretariat: UNE

# Recreational diving services — Requirements for artificial Open Water Sitesopen water sites

# iTeh STANDARD PREVIEW (standards.iteh.ai)

DPAS stage

#### © ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO Copyright Office CP 401 • CH-1214 Vernier, Geneva Phone: + 41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org Published in Switzerland.

# iTeh STANDARD PREVIEW (standards.iteh.ai)

ISO/DPAS 20708 https://standards.iteh.ai/catalog/standards/sist/dbebc6cb-8848-47eb-b6fb-4c5528140425/iso-dpas-20708

## Contents

Forew	ord	.iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Structural requirements	2
4.1	Volume	2
4.2	Surface area and depth	2
4.3	Topography	2
4.4	Volume Surface area and depth Topography Additional environmental factors	2
5	Training programmes	2
6	Student acknowledgement	3

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>ISO/DPAS 20708</u> https://standards.iteh.ai/catalog/standards/sist/dbebc6cb-8848-47eb-b6fb-4c5528140425/iso-dpas-20708

## 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 <u>documentsdocument</u> should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <u>www.iso.org/directives</u>).

Attention is drawnISO draws attention to the possibility that some of the elements implementation of this document may be involve the subjectuse of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents-. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see ).

### (standards.iteh.ai)

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

#### **ISO/DPAS 20708**

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.

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 <u>www.iso.org/members.html</u>.

## Introduction

While there is a clear understanding of what a confined water training site should be like in the recreational diving industry, there is a great variety of open water sites available around the world. Open water traditionally includes the sea, lakes, rivers and <u>man-madeartificial</u> sites <u>made by humans</u> such as quarries. The conditions that divers encounter in these sites will vary; sometimes there <u>maycan</u> be waves and currents, but in others there are none; sometimes the visibility <u>maycan</u> be poor, but in many parts of the world it is often excellent.

In recent years, several very large bodies of water have been created, sometimes with the express purpose of providing a site for diving. Some of these are more modest but <u>are</u> still significantly larger than a swimming pool.

There are also a few of these extremely large sites around the world that are sufficiently large and include enough environmental variables that they are close to the definition of a "body of water significantly larger than a swimming pool, offering conditions typical of a natural body of water", open water; in other words, divers trained in them can be exposed to an experience that strongly resembles what they would encounter in a natural open water dive site.

It is expected <u>that</u> more of these sites <u>towill</u> be constructed, and there are requests from diving professionals to consider this concept and see if there should be recognition of the more complex environments for the conduct of some forms of open water training. <u>RecogniseRecognizing</u> some of the more sophisticated sites, <u>it could would</u> provide a welcome boost to the diving industry in <u>certain</u> parts of the world, especially where there <u>may be ais</u> limited availability to natural open water diving suitable for training. In many cases, these sites have warm water, and as a result, divers are typically spending significantly more time underwater as part of their training than they otherwise would.

The objective of this document is to define such sites. By defining such requirements, this document will prevent instructors <u>from</u> making <u>judgmentsjudgements</u> of their own that <u>maycan</u> be inappropriate.

https://standards.iteh.ai/catalog/standards/sist/dbebc6cb-8848-47eb-b6fb-4c5528140425/iso-dpas-20708

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>ISO/DPAS 20708</u> https://standards.iteh.ai/catalog/standards/sist/dbebc6cb-8848-47eb-b6fb-4c5528140425/iso-dpas-20708

# **Recreational diving services — Requirements for artificial <del>Open</del> <del>Water Sites <u>open water sites</u></del>**

### 1 Scope

This document specifies minimum requirements for man-madeartificial structures, such as aquariums or sites that have been built specifically for the use of recreational divers, to be considered anas open water diving sitesites suitable for the conduct of recreational scuba diving training programmes.

This document applies is applicable to all recreational diving training programmes in accordance with the standards issued prepared by ISO/TC 228.

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

ISO 24801-3:2014, Recreational diving services — Requirements for the training of of-recreational scuba divers — Part 3: Level 3 – Dive Leaderleader standards/sist/dbebc6cb-8848-47eb-b6fb-

<u>ISO 24802-1:2014, Recreational diving services — Requirements for the training of scuba instructors —</u> <u>Part 2: Level 1</u>

ISO 24802-2:2014, Recreational diving services — Requirements for the training of scuba instructors — Part 2: Level 2

## 3 Terms and definitions

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

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

- ISO Online browsing platform: available at <a href="https://www.iso.org/obp">https://www.iso.org/obp</a>
- IEC Electropedia: available at <u>https://www.electropedia.org/</u>

#### 3.1

#### open water

body of water significantly larger than a swimming pool, offering conditions typical of a natural body of water

[SOURCE: ISO 24801-2:2014, 3.6]