

**ISO/FDISPRF 8804-1:2023(E)**

ISO/TC 228

Secretariat: UNE

Date: 2023-11-27/2024-02-16

Style Definition

Formatted: Font: Bold, English (United Kingdom)

Formatted: Left: 42.55 pt, Right: 42.55 pt, Section start: New page, Header distance from edge: 36 pt, Footer distance from edge: 36 pt

Formatted

Formatted: zzCover large

Formatted: English (United Kingdom)

Formatted: English (United Kingdom)

## Requirements for the training of scientific divers — —

### Part 1: Scientific divers

Formatted: Cover Title\_A2

Formatted

*Exigences concernant la formation des plongeurs scientifiques*

*Partie 1: Plongeurs scientifiques*

ITeH Standards  
(<https://standards.iteh.ai>)  
Document Preview

ISO/PRF 8804-1

<https://standards.iteh.ai/catalog/standards/iso/91d16c11-c04b-4618-a498-407db8f59a10/iso-prf-8804-1>

**PROOF**

Edited DIS - MUST BE USED FOR FINAL DRAFT

© ISO ~~2023~~2024

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. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: + 41 22 749 01 11

Fax: +41 22 749 09 47

Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: Font: Bold

Formatted: HeaderCentered

Formatted: Default Paragraph Font, French (Switzerland)

Formatted: French (Switzerland)

Formatted: French (Switzerland)

Formatted: zzCopyright address, Adjust space between Latin and Asian text, Adjust space between Asian text and numbers

Formatted: French (Switzerland)

Formatted: French (Switzerland)

Formatted: English (United Kingdom)

# iTeh Standards (<https://standards.iteh.ai>) Document Preview

ISO/PRF 8804-1

<https://standards.iteh.ai/catalog/standards/iso/91d16c11-c04b-4618-a498-407db8f59a10/iso-prf-8804-1>

Formatted: FooterPageRomanNumber

Contents

Foreword..... vi

Introduction .....vii

1 Scope..... 1

2 Normative references..... 1

3 Terms and definitions..... 1

4 Competencies..... 2

5 Prerequisites for training..... 2

5.1 General..... 2

5.2 Minors and vulnerable persons..... 2

5.3 Health requirements..... 2

5.4 Diving competencies..... 2

6 Introductory information..... 3

7 Theoretical knowledge..... 3

7.1 Diving-related knowledge..... 3

7.1.1 General..... 3

7.1.2 Risk assessment..... 3

7.2 Scientific methodologies and protocols..... 3

7.2.1 General..... 3

7.2.2 Generic methods..... 4

7.2.3 Survey techniques..... 4

7.2.4 Diving environments and conditions..... 5

7.2.5 Navigation techniques..... 5

8 Practical scientific diving skills..... 6

9 Requirements for the provision of training..... 6

9.1 Overall supervision..... 6

9.2 Instructors..... 6

9.2.1 Diving knowledge and skills..... 6

9.2.2 Scientific knowledge and skills..... 6

9.3 Risk assessment..... 7

9.4 Surface support procedures..... 7

9.5 Emergency equipment and procedures..... 7

9.5.1 Emergency equipment..... 7

9.5.2 Emergency procedures..... 8

9.6 Practical training parameters..... 8

10 Qualification criteria..... 9

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: HeaderCentered, Left

Formatted: Font: 11 pt, Bold

Formatted: Font: Bold

Formatted: FooterPageRomanNumber

**10.1 Knowledge ..... 9**

**10.2 Skills..... 9**

**Bibliography ..... 10**

Foreword — iv

Introduction — v

1 — Scope 1

2 — Normative references 1

3 — Terms and definitions 1

4 — Competencies 2

5 — Prerequisites for training — 2

5.1 General — 2

5.2 Minors and vulnerable persons — 2

5.3 Health requirements — 2

5.4 Diving competencies — 2

6 — Introductory information — 2

7 — Theoretical knowledge 3

7.1 Diving related knowledge — 3

7.1.1 General — 3

7.1.2 Risk assessment — 3

7.2 Scientific methodologies and protocols — 3

7.2.1 General — 3

7.2.2 Generic methods — 4

7.2.3 Survey techniques — 4

7.2.4 Diving environments and conditions — 5

7.2.5 Navigation techniques 5

8 — Practical scientific diving skills — 5

9 — Requirements for the provision of training — 6

9.1 Overall supervision — 6

9.2 Instructors — 6

9.2.1 Diving knowledge and skills — 6

9.2.2 Scientific knowledge and skills 6

9.3 Risk assessment — 7

9.4 Surface support procedures — 7

9.5 Emergency equipment and procedures — 7

9.5.1 Emergency equipment 7

9.5.2 Emergency procedures — 8

9.6 Practical training parameters — 8

- Formatted: Font: 11 pt, Bold
- Formatted: HeaderCentered
- Formatted: Font: 11 pt, Bold
- Formatted: Font: 11 pt, Bold
- Formatted: Font: Bold

iTeh Standards  
 (https://standards.itih.ai)  
 Document Preview

ISO/PRF 8804-1

<https://standards.itih.ai/catalog/standards/iso/91d16c11-c04b-4618-a498-407db8f59a10/iso-prf-8804-1>

10 — Qualification criteria — 9  
10.1 — Knowledge — 9  
10.2 — Skills — 9  
Bibliography — 10

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: HeaderCentered, Left

Formatted: Font: 11 pt, Bold

Formatted: Font: Bold

iTeh Standards  
(<https://standards.iteh.ai>)  
Document Preview

ISO/PRF 8804-1

<https://standards.iteh.ai/catalog/standards/iso/91d16c11-c04b-4618-a498-407db8f59a10/iso-prf-8804-1>

Formatted: FooterPageRomanNumber

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: Font: 11 pt, Bold

Formatted: Font: Bold

Formatted: HeaderCentered

## 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 document 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](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use 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](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

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

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](http://www.iso.org/iso/foreword.html).

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 and related services*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

A list of all parts in the ISO 8804 series can be found on the ISO website.

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 [www.iso.org/members.html](http://www.iso.org/members.html).

Formatted: English (United Kingdom)

Field Code Changed

Formatted: FooterPageRomanNumber