



**International
Standard**

ISO 8804-1

**Requirements for the training of
scientific divers —**

**Part 1:
Scientific divers**

Exigences concernant la formation des plongeurs scientifiques —

Partie 1: Plongeurs scientifiques

First edition

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

[ISO/PRF 8804-1](#)

<https://standards.iteh.ai/catalog/standards/iso/91d16c11-c04b-4018-a498-407db8f59a10/iso-prf-8804-1>

PROOF/ÉPREUVE

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>



COPYRIGHT PROTECTED DOCUMENT

© ISO 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
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

PROOF/ÉPREUVE

© ISO 2024 – All rights reserved

Contents

	Page
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.....	3
7.2.3 Survey techniques.....	4
7.2.4 Diving environments and conditions.....	4
7.2.5 Navigation techniques.....	5
8 Practical scientific diving skills	5
9 Requirements for the provision of training	5
9.1 Overall supervision.....	5
9.2 Instructors.....	6
9.2.1 Diving knowledge and skills.....	6
9.2.2 Scientific knowledge and skills.....	6
9.3 Risk assessment.....	6
9.4 Surface support procedures.....	6
9.5 Emergency equipment and procedures.....	7
9.5.1 Emergency equipment.....	7
9.5.2 Emergency procedures.....	7
9.6 Practical training parameters.....	7
10 Qualification criteria	8
10.1 Knowledge.....	8
10.2 Skills.....	8
Bibliography	9

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).

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. 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.

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.

Introduction

The ISO 8804 series is aimed primarily at scientists and academics training to become scientific divers (at three levels of competency) and sets minimum requirements for the training of scientific divers at the three levels reflected in the names of the three parts. It will be beneficial both to organizations involved in training scientific divers and the scientific diving community as a whole.

This document is considered the minimum competency standard for recognition as a scientific diver. It is intended to provide guidance regarding agreed-upon minimum training requirements, thereby easing barriers to cross-programme co-operation and reciprocity through common acknowledgment of the basic skill set for scientific divers.

Many organisations will have additional requirements for qualification of scientific divers. These supplementary requirements could include, but are not limited to, a greater number of training dives, additional training, enhanced fitness qualifications and requirements for maintenance of active diver status.

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)

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

