## Australian/New Zealand Standard™

Training and certification of occupational divers

Part 5: Dive supervisor





#### AS/NZS 2815.5:2013

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-017, Occupational Diving. It was approved on behalf of the Council of Standards Australia on 23 October 2013 and on behalf of the Council of Standards New Zealand on 20 September 2013.

This Standard was published on 3 December 2013.

The following are represented on Committee SF-017:

South Pacific Underwater Medicine Society

Victoria Police

Association of Diving Contractors, New Zealand Australian Council of Trade Unions Australian Diver Accreditation Scheme Australian Diving Contractors Association Australian Marine Sciences Association Australian Medical Association CSIRO Marine and Atmospheric Research Department of Defence, Australia International Marine Contractors Association Maritime Union of Australia National Association of Occupational Diver Training Establishments National Institute of Water and Atmospheric Research **NSW Police Force** New Zealand School of Commercial Diver Training Royal New Zealand Navy Safe Work Australia

### Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.saiglobal.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR2 AS/NZS 2815.5.

AS/NZS 2815.5:2013

## Australian/New Zealand Standard™

# Training and certification of occupational divers

Part 5: Dive supervisor

Originated in Australia as AS 2815.5—2006. Jointly revised and designated as AS/NZS 2815.5:2013.

### **COPYRIGHT**

© Standards Australia Limited/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140.

### **PREFACE**

This Standard was prepared by the Standards Australia/Standards New Zealand Committee SF-017, Occupational Diving, to supersede AS 2815.5—2006.

The Standard is Part 5 of a series of Standards relevant to the training and certification of underwater divers, where the requirements of regulatory authorities and industry demand a prescribed degree of training and competence to ensure an adequate degree of safety, performance and economy.

The objective of this Standard is to provide regulatory authorities, training providers and trainees with a summary of the minimum competencies for an occupational dive supervisor, the minimum content of a training course for imparting these competencies to trainee occupational dive supervisor and assessment procedures.

The objective of this revision is to update selection criteria for candidates and to include provisions for training in the use of enriched air nitrox (EAN).

This Standard also provides guidance and allows for certified supervisors to undertake EAN training as a stand-alone addition to supervisor training which was previously undertaken.

This Standard sets out requirements for the training and competencies of personnel who will be engaged to supervise underwater diving operations. It is particularly related to diving operations as described in AS/NZS 2299.1, *Occupational diving operations*, Part 1: *Standard operational practice*.

Persons who successfully complete the training course specified in this Standard are eligible for certification under the Australian Diver Accreditation Scheme (ADAS) subject to ADAS approval of the diver training establishment.

### **CONTENTS**

		Page
SECTIO	N 1 SCOPE AND GENERAL	
11	SCOPE	4
1.2	APPLICATION	
1.3	NORMATIVE REFERENCES	
1.4	DEFINITIONS	
1.5	PURPOSE	
1.6	SAFETY AND HEALTH	6
1.7	RECORD KEEPING	
1.8	TRAINEE APPLICATION	6
SECTIO	N 2 TRAINING COURSE CONTENT	8
SECTIO	N 3 UNITS OF COMPETENCY	
3.1	ROLE OF THE DIVE SUPERVISOR	9
3.2	IMPLEMENT AND MONITOR WORK HEALTH AND SAFETY PROGRAM	<b>1</b> S 10
3.3	DIVING PHYSICS, PHYSIOLOGY AND ASSOCIATED CALCULATIONS.	11
3.4	MANAGE DIVING ILLNESSES AND MEDICAL EMERGENCIES	12
3.5	MANAGE RISK ASSOCIATED WITH DIVE OPERATIONS	
3.6	PLAN DIVE OPERATIONS	
3.7	CONDUCT DIVE OPERATIONS	18
3.8	PLANT, EQUIPMENT AND MAINTENANCE PROCEDURES	19
3.9	MANAGE PEOPLE	
3.10	SUPERVISE USE OF TOOLS IN A DIVE OPERATION	
3.11	SUPERVISE ON-SITE CHAMBER OPERATIONS	
3.12		
3.13	SUPERVISE ENRICHED AIR NITROX (EAN) DIVING	25
SECTIO	N 4 TRAINING PLANS, ASSESSMENT AND PLANNED EXPERIENCE	
4.1	DEVELOPING THE TRAINING PLAN	27
4.2	METHODS OF TRAINEE ASSESSMENT	28
4.3	STAFFING, EQUIPMENT AND FACILITIES	30
BIBLIO	GRAPHY	33



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation