

Australian/New Zealand Standard™

**Training and certification of
occupational divers**

Part 2: Surface supplied diving to 30 m



AS/NZS 2815.2:2013

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The following are represented on Committee SF-017:

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
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National Aquaculture Council
National Association of Occupational Diver Training Establishments
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-017, Occupational Diving, to supersede AS 2815.2—1992, *Training and certification of occupational divers, Part 2: Air diving to 30 m*.

The Standard is Part 2 of a series of Standards on 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 the content of a training course for imparting minimum levels of competency to trainee occupational SSBA divers, and assessment procedures.

This Standard is particularly related to the training of personnel who will be engaged in underwater operations as described in the AS/NZS 2299 series on occupational diving operations.

The major changes for this edition of the Standard are that the qualification is set out in a competency-based format and SCUBA competencies have been replaced by a reference to competence in line with AS 2815.1, and the inclusion of competencies for training in the use of enriched air nitrox (EAN) techniques.

This Standard also provides guidance, and allows for certified divers to undertake EAN training as a standalone addition to SSBA training which was previously undertaken.

The task training set out in the units of this Standard will provide the trainee with a general appreciation of the techniques and problems involved in carrying out the specified underwater work. For the diver to be considered a competent underwater worker, it will generally be necessary for further specialist training to be undertaken.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies the training activities and competencies required for the training and certification of divers to work safely and competently as members of an occupational diving team—

- (a) using surface-supplied breathing apparatus (SSBA);
- (b) breathing air or enriched air nitrox (EAN) as the breathing gas; and
- (c) undertaking no decompression dives to 30 m (see Notes).

Requirements and guidance for providers of surface supplied diving training are given in Section 4.

This Standard is not intended to encompass the recreational diving industry and training within that industry.

NOTES:

- 1 Training and certification to this Standard is generally the minimum required by a diver to undertake diving in on-shore locations and construction activities, e.g. repair of jetties, dams on sites where no surface compression chambers are required by AS/NZS 2299.1 to be present on site. Many occupational diving operations will require additional underwater work skills to those listed in this Standard. It should be noted that there may be specific regulatory requirements relating to occupational divers intending to work in the construction industry.
- 2 Restricted occupational diver certification is for persons whose diving duties do not require training in all of the specialized underwater tasks (see Section 2). Divers with restricted certificates may only undertake diving operations that involve limited use of plant, tools and equipment. Persons holding restricted occupational diver certificates to this Standard may upgrade their diving qualifications by completion of all remaining modules in this Standard for full certification, or by completion of all training with the exception of specialized modules in AS 2815.3 for restricted certification as unrestricted occupational SSBA divers.
- 3 Training and certification of occupational SCUBA divers is dealt with in AS 2815.1 and AS/NZS 2815.6.
- 4 Attention is drawn to the requirements of AS/NZS 2299.1 and of regulatory authorities, which may contain limits for the depths and times of diving with no compression chamber facilities on site.
- 5 Persons who wish to be trained sufficiently to dive using recompression facilities and to depths greater than 30 m need to be trained to AS 2815.3. Graduates from training courses to this Standard, i.e. AS/NZS 2815.2, who wish to upgrade their diving qualifications, may be eligible to do so by completing approved selected modules at an approved diver training establishment.