

AS 2815.4:2021



STANDARDS
Australia



Training and certification of occupational divers

Part 4: Closed bell diving

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AS 2815.4:2021

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- Australasian Institute for Maritime Archaeology
- Australian Council of Trade Unions (ACTU)
- Australian Diver Accreditation Scheme
- Australian Marine Sciences Association
- Australian Medical Association
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Department of Defence (Australian Government)
- Flinders University
- Maritime Union of Australia
- National Association of Occupational Diver Training Establishments
- NSW Police Force
- Victoria Police
- Zoo and Aquarium Association

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Training and certification of occupational divers

Part 4: Closed bell diving

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee SF-017, Occupational Diving, to supersede AS 2815.4—1992, *Training and certification of occupational divers, Part 4: Bell diving*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this document as an Australian Standard rather than an Australian/New Zealand Standard.

The inclusion of roles and responsibilities in AS 2815.4:2021, was approved by the Standards Development and Accreditation Committee (SDAC) on 6 August 2020, as a one-off exemption to the directives of Standardization Guide SG-006, Section 35.

The objective of this document is to provide regulatory authorities, training providers and trainees with the content of a training course for imparting minimum levels of competency to trainees for occupational closed bell divers, and assessment procedures.

The task training set out in the units is intended to 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.

This document is relevant to the training of personnel who will be engaged in underwater operations using closed bell equipment and procedures.

The document is Part 4 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 major changes for this edition are that the qualifications are set out in a competency-based format.

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Australian Standard®

Training and certification of occupational divers

Part 4: Closed bell diving

Section 1 Scope and general

1.1 Scope

This document 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) acting as bell safety diver in a closed bell;
- (b) acting as a diver in closed bell operations; and
- (c) providing surface support to closed bell diving operation.

Requirements and guidance for providers of closed bell diving training are given in [Section 4](#).

1.2 Application

1.2.1 General

This document comprises requirements and guidance for use by the trainee diver, supervisor, PCBU, training establishment or certification agency. Specifically, it is intended to —

- (a) prescribe to a trainee the level of competency that a qualified diver is expected to achieve;
- (b) provide minimum requirements for a school or training establishment in the development of a course of training;
- (c) be used by certification agencies to assess training provided to trainee divers;
- (d) be used to assess and certify diver training establishments delivering the training; and
- (e) provide a basis for a supervisor or PCBU to evaluate the current competence of divers.

This document applies to the training of occupational divers who may work predominantly in, but not limited to, the oil and gas industries, including but not limited to —

- (i) construction; and
- (ii) underwater engineering.

1.2.2 Certification

Persons requiring certification to this document shall meet all elements of competency and performance criteria specified in this document.

NOTE Refer to AS/NZS 2299.1 for requirements for certification bodies.

A diver trained in accordance with this document may receive certification through —

- (a) the relevant regulatory authority; or
- (b) an occupational diver training certification body that operates under a written agreement or memorandum of understanding with a regulator or government body and is —
 - (i) an Australian registered training organization (RTO); or