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AS/NZS 4774.2:2019

Australian/New Zealand Standard™

Work in compressed air and hyperbaric facilities

Part 2: Hyperbaric Oxygen facilities

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-046, Non-Diving Work in Compressed Air and Hyperbaric Treatment Facilities. It was approved on behalf of the Council of Standards Australia on 4 April 2019 and by the New Zealand Standards Approval Board on 3 April 2019.
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The following are represented on Committee SF-046:

Australia and New Zealand Hyperbaric Medicine Group
Australian and New Zealand College of Anaesthetists
Engineers Australia
Hyperbaric Engineering Industry Forum
Hyperbaric Technicians and Nurses Association
Hyperbaric Technicians and Nurses Association New Zealand
SafeWork NSW
South Pacific Underwater Medicine Society
Waitemata District Health Board

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This Standard was issued in draft form for comment as DR AS/NZS 4774.2:2019.

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Part 2: Hyperbaric Oxygen facilities

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PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee SF-046, Non-Diving Work in Compressed Air and Hyperbaric Treatment Facilities, to supersede AS 4774.2—2002.

This Standard was prepared in response to a request from the Hyperbaric Technicians and Nurses Association (HTNA).

The objective of this Standard is to provide designers, manufacturers, operators and maintainers of hyperbaric Oxygen facilities with requirements and recommendations so that safe hyperbaric exposures of all persons involved in the operation of such facilities may be conducted.

The inclusion of roles and responsibilities in AS/NZS 4774.2:2018, was approved by the Standards Development and Accreditation Committee (SDAC) on 2 August 2018, as a one-off exemption to the directives of Standardization Guide SG-006, Section 35, due to the safety and jurisdiction issues associated.

The principle differences between this and the previous edition are as follows:

(a) Defined roles, duties and qualifications of hyperbaric facility staff, including definition of a hyperbaric safety director.

(b) Updates to maintenance schedules and operational processes, to reflect changes in evolving practices and technologies

(c) Inclusion of monoplace and multiplace chamber operator requirements

(d) Processes for in-house training of hyperbaric chamber operator.

(e) The introduction of the positions of hyperbaric medical officer (HMO) and senior hyperbaric medical officer (SHMO).

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendices. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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