

AS/NZS 4994.3:2023



Australian/New Zealand Standard™

Temporary edge protection

Part 3: Installation and dismantling for edges other than roof edges



AS/NZS 4994.3:2023

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The following are represented on Committee BD-092:

- Australasian Wire Industry Association
- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions (ACTU)
- Australian Industry Group
- Australian Institute of Building Surveyors
- Australian Roofing Tile Association
- Better Regulation Division (Fair Trading, Safework NSW, Testsafe)
- Edge Protection New Zealand
- Hire and Rental Industry Association of Australia
- Housing Industry Association
- Master Builders Australia
- Master Plumbers Australia and New Zealand
- National Edge Protection and Platform Association
- Site Safe New Zealand
- Victorian WorkCover Authority (WorkSafe Victoria)

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-092, Temporary edge protection — Construction practices, to supersede AS/NZS 4994.3:2010.

The objective of this document is to specify requirements and give guidance for the selection and installation of temporary edge protection conforming to AS/NZS 4994.1, for persons working near an opening in a floor, or near a platform edge, or floor edge, or any edge from which a person could fall prior to the installation of the permanent edge protection.

The major changes in this edition are as follows:

- (a) Document was revised in line with the changes to parts 1 and 2.
- (b) Edge protection for stepped surfaces was introduced.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Section 1 Scope and general

1.1 Scope

This document specifies requirements and gives guidance for the selection and installation of temporary edge protection conforming to AS/NZS 4994.1, for persons working near an opening in a floor, or near a platform edge, or floor edge, or any edge from which a person could fall prior to the installation of the permanent edge protection.

Edge protection is used on structures that are being constructed, renovated, extended, altered or maintained.

NOTE 1 AS/NZS 4994.2 specifies requirements for the installation and dismantling of roof edge protection.

Specific statutory requirements may apply regarding work health and safety (WHS) legislation, scaffolding and working at heights.

NOTE 2 Users are reminded to check if the relevant legislation contains a requirement to also control the risks associated with falling objects.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS/NZS 4994.1, *Temporary edge protection, Part 1: General requirements*

1.3 Terms and definitions

For the purposes of this document, the terms and definitions given in AS/NZS 4994.1, AS/NZS 4994.2 and the following apply.

1.3.1

competent person

person who has acquired through education, training, qualification, experience, or a combination of these, the knowledge and skills, enabling that person to perform the task required

Note 1 to entry: The relevant skills may include WHS knowledge and skills.

1.3.2

fall arrest system

assembly of interconnected components comprising a harness connected to an anchorage point or anchorage system, either directly or by means of a lanyard, lanyard assembly or pole strap, the purpose of which is to arrest a fall in accordance with the principles and requirements of AS/NZS 1891.4

1.3.3

install

erection, altering and dismantling of temporary edge protection

1.3.4**installer**

person or organization directly responsible for installing, erecting, altering or dismantling temporary edge protection

1.3.5**may**

indicates the existence of an option

1.3.6**non-structural infill panel**

panel, typically fabricated from steel wire mesh, or other material of sufficient strength, that requires separate backing rails to transfer design loads to the supporting posts

1.3.7**shall**

indicates that a statement is mandatory

1.3.8**should**

indicates a recommendation

1.3.9**total restraint**

control of a person's movement by means of a connection to an anchorage in such a way that will physically prevent the person from reaching any position at which there is risk of a fall, either over an edge or through a surface