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AS/NZS 4994.1:2009

Australian/New Zealand Standard™

Temporary edge protection

Part 1: General requirements

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The following are represented on Committee BD-092:

Australian Chamber of Commerce and Industry
Australian Council of Trade Unions
Australian Industry Group
Construction Safety Managers and Officers Association
Department of Consumer and Employment Protection, WorkSafe Division (WA)
Department of Labour, New Zealand
Housing Industry Association
Labor Council of New South Wales
Ladder Manufacturers Association of Australia
Master Builders Australia
Master Plumbers Australia
Master Plumbers and Mechanical Services Association of Australia
Master Roof Tilers and Slaters Association of NSW
Metal Roofing and Cladding Association of Australia
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Part 1: General requirements

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PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee BD-092, Housing Construction—Working Practices, to supersede AS/NZS 4994.1 (Int):2004, *Temporary roof edge protection for housing and residential buildings*, Part 1: *General requirements.*

The objective of this Standard is to provide requirements and guidance for designers of equipment for roof edge protection, to prevent workers from falling from roofs or other edges of buildings under construction whilst performing any work or carrying out any inspections on roofs of all types of buildings.

This Standard is an expansion of AS/NZS 4994.1(Int):2004, *Temporary roof edge protection for housing and residential buildings,* Part 1: *General requirements*. Whilst the 2004 edition did not specifically apply to roofs of commercial and industrial buildings the Scope noted that it could be used in the absence of a similar Standard. This edition is intended to apply to temporary protection of the edges of all roofs as well as other exposed edges, prior to the installation of the permanent walling materials. It is important that the structure to which the temporary edge protection is to be attached can support the forces that may be applied when the edge protection restrains a person from falling from the edge being protected.

For the Interim Standard, the Committee considered residential roofs of various slopes and the dangers associated with working on steep slopes. At the time it decided that roofs with slopes greater than 35° represented only a small minority of roofs on housing and residential buildings. Such roofs require special work skills, equipment and techniques that remain outside the scope of this Standard. This edition adheres to the same criterion.

The dynamic testing of infill panels has been clarified compared with AS/NZS 4994.1(Int):2004.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix 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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