AS 1170.4—1993

Australian Standard®

Minimum design loads on structures

Part 4: Earthquake loads

This Australian Standard was prepared by Committee BD/6, Loading on Structures. It was approved on behalf of the Council of Standards Australia on 21 April 1993 and published on 16 August 1993.

The following interests are represented on Committee BD/6:

Association of Consulting Engineers, Australia
Association of Consulting Structural Engineers, N.S.W.
AUBRCC
Australian Clay Brick Association
Australian Construction Services—Department of Administrative Services
Australian Federation of Construction Contractors
Australian Institute of Steel Construction
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CSIRO, Division of Building, Construction and Engineering
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Engineering and Water Supply Department, S.A.
James Cook University of North Queensland
Master Builders Construction and Housing Association, Australia
Monash University
Public Works Department, N.S.W.
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University of Newcastle

Additional interests participating in preparation of this Standard:

Australian Geological Survey Organization
Cement and Concrete Association of Australia
Department of Housing and Construction, S.A.
Department of Mines and Energy, S.A.
Department of Resource Industries, Qld.
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Minimum design loads on structures (known as the SAA Loading Code)

Part 4: Earthquake loads

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PREFACE

This Standard was prepared by the Standards Australia Committee for Loading on Structures to supersede AS 2121—1979, *SAA Earthquake Code* and AS 2121M—1979 *Seismic Zone map of Australia.*

This edition incorporates the following major changes to the previous edition:

(a) The Standard is now in a *limit states format.*

(b) New earthquake maps of Australia and of each State/Territory, defined in terms of an acceleration coefficient, are included.

(c) Domestic structures are now included (Section 3).

(d) AS 2121—1979 contains provisions for earthquake loads and in addition, design and detailing requirements for some of the major structural materials. This Standard contains only loading requirements.

In preparing this Standard, the Committee referred to the documents listed in the Commentary, AS 1170.4 Supplement 1.

Acknowledgment is made of the Australian Geological Survey Organization's copyright of the earthquake acceleration coefficient maps of Australia, States and Territory, and appreciation is recorded for permission to include the maps in this Standard.

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