

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

[Save](#)

[Resource detail](#)
[Citations](#)

AS 1170.4-2007 Structural design actions Part 4: Earthquake actions in Australia

[View on Information Provider website](#)

Abbreviation

AS 1170.4-2007

Amendment

AS 1170.4-2007/Amdt 1:2015 - incorporated, published August 2015

Valid from

09/10/2007

Replaces

[AS 1170.4-1993](#),

Information provider

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

Description

Sets out data and procedures for determining earthquake loads on structures and their components, and also minimum detailing requirements for structures. Domestic structures are covered in an Appendix.

Scope

This Standard sets out procedures for determining earthquake actions and detailing requirements for structures and components to be used in the design of structures. It also includes requirements for domestic structures.

Importance level 1 structures are not required to be designed for earthquake actions.

The following structures are outside the scope of this Standard:

- (a) High-risk structures.
- (b) Bridges.
- (c) Tanks containing liquids.
- (d) Civil structures including dams and bunds.
- (e) Offshore structures that are partly or fully immersed.
- (f) Soil-retaining structures.

- (g) Structures with first mode periods greater than 5 s.

This Standard does not consider the effect on a structure of related earthquake phenomena such as settlement, slides, subsidence, liquefaction or faulting.

Notes:

1. For structures in New Zealand, see NZS 1170.5.
2. For earth-retaining structures, see AS 4678.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

AS 1170.4-2007 Structural design actions Part 4: Earthquake actions in Australia

This document is CITED BY:

- [AS/NZS 2327:2017](#)

AS 1170.4-2007 is cited by AS/NZS 2327:2017 Composite structures - Composite steel-concrete construction in buildings

AS 1170.4-2007 Structural design actions Part 4: Earthquake actions in Australia

Description

Sets out data and procedures for determining earthquake loads on structures and their components, and also minimum detailing requirements for structures. Domestic structures are covered in an Appendix.

[View on Information Provider website](#)

[AS 1170.4-2007 Structural design actions Part 4: Earthquake actions in Australia](#)

Description

Sets out data and procedures for determining earthquake loads on structures and their components, and also minimum detailing requirements for structures. Domestic structures are covered in an Appendix.

[View on Information Provider website](#)

This resource does not cite any other resources.

AS 1170.4-2007 Structural design actions Part 4: Earthquake actions in Australia

This resource does not CITE any other resources.

Back

Close

Table of Contents

Print

[Save](#)

Email

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)