

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

Print

Save

Email

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

AS 4100-1990 Steel structures

[View on Information Provider website](#)

{{ linkText }}

Abbreviation

AS 4100-1990

Amendment

AS 4100-1990/Amdt 1-1992 AS 4100-1990/Amdt 2-1993 AS 4100-1990/Amdt 3-1995

Valid from

26/10/1990

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF

Cited By

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

Description

This Standard sets out minimum requirements for the design, fabrication, erection, and modification of steelwork in structures in accordance with the limit states design method.

It incorporates AS 1511, SAA High-strength Structural Bolting Code.

Scope

This Standard applies to buildings, structures and cranes constructed of steel.

This Standard is intended to apply also to roadway, railway, and pedestrian bridges. However, the requirements given in this Standard may not always be sufficient for bridge applications. In these circumstances, the specifications of the relevant Authority shall be used.

This Standard does not apply to the following structures and materials:

- Steel elements less than 3 mm thick, with the exception of sections complying with AS 1163 and packers.
- Steel members for which the value of the yield stress used in design (fy) exceeds 450 MPa.
- Coldformed members, other than those complying with AS 1163, which shall be designed in accordance with AS 1538.
- Composite steelconcrete members, which shall be designed in accordance with AS 2327.

NOTE: The general principles of design, fabrication, erection, and modification embodied in this Standard may be applied to

steelframed structures or members not specifically mentioned herein.

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

[View on Information Provider website](#) {{ linkText }}

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

This resource is cited by:

# AS 4100-1990 Steel structures

This document is CITED BY:

- [AS 2159-1995](#)

AS 4100-1990 is cited by AS 2159-1995 Rules for the design and installation of piling (known as the SAA Piling Code)

Back

# AS 4100-1990 Steel structures

Show what documents this resource is CITED BY Show what documents this resource CITES

## Description

This Standard sets out minimum requirements for the design, fabrication, erection, and modification of steelwork in structures in accordance with the limit states design method.

It incorporates AS 1511, SAA High-strength Structural Bolting Code.

[View on Information Provider website](#)

[AS 4100-1990 Steel structures](#)

## Description

This Standard sets out minimum requirements for the design, fabrication, erection, and modification of steelwork in structures in accordance with the limit states design method.

It incorporates AS 1511, SAA High-strength Structural Bolting Code.

[View on Information Provider website](#)

This resource does not cite any other resources.

# AS 4100-1990 Steel structures

This resource does not CITE any other resources.

Back

Close

## Table of Contents

Print [Save](#) Email

[Feedback](#)


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


[Feedback](#)