AS 3828—1998

Australian Standard™

Guidelines for the erection of building steelwork

This Australian Standard was prepared by Committee BD/91, Erection of Building Steelwork. It was approved on behalf of the Council of Standards Australia on 12 June 1998 and published on 5 September 1998.

The following interests are represented on Committee BD/91:

Association of Consulting Engineers, Australia

Australian Council of Trade Unions

Australian Institute of Steel Construction

Bureau of Steel Manufacturers of Australia

Department of Training and Industrial Relations (Qld)

Metal Trades Industry Association of Australia

Safety Institute of Australia

Steel Erectors Association of Victoria

Victorian WorkCover Authority

WorkCover N.S.W.

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PREFACE

This Australian Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/91, Erection of Building Steelwork.

This Standard is the result of a consensus among Australian/New Zealand representatives on the Joint Committee to produce it as an Australian Standard.

The Standard is based on the *Advisory standard for steel construction* published by the Queensland Government Division of Workplace, Health and Safety and Standards Australia/Standards New Zealand handbook SAA/SNZ HB62, *Guidelines for the erection of building steelwork,* Part 1:1995 *Low rise building and structures* and Part 2:1995, *Multi storey buildings and structures*.

The topic covered by this Standard deals with any work involving the erection of assembled portions and single components of structural steel such as—

(a) columns;

(b) beams;

(c) bracing;

(d) rafters;

(e) purlins;

(f) girts;

(g) bridging and fly bracing;

(h) trusses; and

(i) other related steelwork, for example, freestanding structures.

This Standard provides guidance to persons engaged in the erection of structural steel work. Falls from heights, falling objects, collapse of the structure and plant used in the construction of the structure can cause injury or death to persons at or near a workplace where steel construction is being undertaken.

The objective of this Standard is to provide those responsible for the erection of building steelwork with guidelines specifying safe working provisions and practices.

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