

Australian/New Zealand Standard™

**Buried corrugated metal structures**

**Part 6: Bolted plate structures**



### **AS/NZS 2041.6:2010**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CE-025, Corrugated Metal Drainage Pipes and Arches. It was approved on behalf of the Council of Standards Australia on 9 September 2010 and on behalf of the Council of Standards New Zealand on 24 September 2010. This Standard was published on 17 November 2010.

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# Australian/New Zealand Standard™

## Buried corrugated metal structures

### Part 6: Bolted plate structures

Originated in Australia as AS A128—1962.  
Previous editions AS 2041—1984 and AS 2042—1984.  
AS 2041—1984 and AS 2042—1984 jointly revised, amalgamated and designated AS/NZS 2041:1998.  
AS/NZS 2041:1998 jointly revised and designated, in part as AS/NZS 2041.6:2010.

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## PREFACE

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee CE-025, Corrugated Metal Drainage Pipes and Arches, to supersede, in part, AS/NZS 2041:1998, *Buried corrugated metal structures*.

The objective of this Standard is to provide designers, manufacturers and installers of buried bolted plate structures with requirements for manufacture of such structures for use in earthworks primarily as culverts or access ways.

This Standard is Part 6 of the AS/NZS 2041 series, *Buried corrugated metal structures*, which comprises the following parts:

### AS/NZS

- 2041 Buried corrugated metal structures
- 2041.1 Part 1: Design methods
- 2041.2 Part 2: Installation
- 2041.4 Part 4: Helically formed sinusoidal pipes
- 2041.6 Part 6: Bolted plate structures

Other parts of the series currently being drafted include the following:

- Part 3: Assessment of existing structures
- Part 5: Helically formed ribbed pipes
- Part 7: Bolted plate structures with transverse stiffeners
- Part 8: Metal box structures

This Edition includes the following changes:

- (a) Design requirements have been moved to AS/NZS 2041.1, which includes new limit states design methods.
- (b) Installation requirements are referred to AS/NZS 2041.2.
- (c) Notation has been based on ISO 3898.
- (d) Materials and fabrication requirements (remaining in this Standard) have been updated.
- (e) Class 1 and class 2 are now termed B68 and B200 profiles.
- (f) New profile sizes, B152, B230 and B381, included.
- (g) Reference tables for cover limits have been taken out.

In this document, the words 'this Standard' indicate AS/NZS 2041.6, which is regarded as Part 6 of the AS/NZS 2041 series of Standards.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

## CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE .....	5
1.2 DESIGN AND INSTALLATION.....	6
1.3 NORMATIVE REFERENCES.....	6
1.4 DEFINITIONS .....	7
1.5 NOTATIONS .....	8
SECTION 2 SPECIFICATION	
2.1 GENERAL .....	11
2.2 MARKING OF STRUCTURES .....	11
SECTION 3 MATERIALS AND FABRICATION FOR B68 STRUCTURES	
3.1 SCOPE OF SECTION .....	12
3.2 MATERIALS .....	12
3.3 FABRICATION .....	17
3.4 REPAIR OF DEFECTS AND COATINGS .....	19
SECTION 4 MATERIALS AND FABRICATION FOR B152 STRUCTURES	
4.1 MATERIALS .....	22
4.2 FABRICATION .....	24
4.3 REPAIR OF DEFECTS AND COATINGS .....	27
SECTION 5 MATERIALS AND FABRICATION FOR B200 STRUCTURES	
5.1 MATERIALS .....	30
5.2 FABRICATION .....	32
5.3 REPAIR OF DEFECTS AND COATINGS .....	34
SECTION 6 MATERIALS AND FABRICATION FOR B230 STRUCTURES	
6.1 MATERIALS .....	37
6.2 FABRICATION .....	38
6.3 REPAIR OF DEFECTS.....	40
SECTION 7 MATERIALS AND FABRICATION FOR B381 STRUCTURES	
7.1 MATERIALS .....	42
7.2 FABRICATION .....	44
7.3 REPAIR OF DEFECTS AND COATINGS .....	46
SECTION 8 SECTION PROPERTIES FOR DESIGN	
8.1 SCOPE OF SECTION .....	48
8.2 DIMENSIONS AND TOLERANCES .....	48
8.3 MATERIAL AND SECTION PROPERTIES.....	48
SECTION 9 SHAPE LIMITATIONS .....	57

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