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AS/NZS 2041.2:2011

Australian/New Zealand Standard™

Buried corrugated metal structures

Part 2: Installation

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AS/NZS 2041.2:2011

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 20 October 2010 and on behalf of the Council of Standards New Zealand on 5 November 2010.
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The following are represented on Committee CE-025:

AUSTROADS
Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Industry Group
Galvanizers Association of Australia
Main Roads Department Queensland
New Zealand Heavy Engineering Research Association
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This Standard was issued in draft form for comment as DR 10016.

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Australian/New Zealand Standard™

Buried corrugated metal structures

Part 2: Installation

Originated, in part, as AS 1762—1984, AS 3703.2—1989 and AS/NZS 2041:1998.
Revised and redesignated AS/NZS 2041.2:2011.

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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, the following:

AS/NZS 2041:1998, Buried corrugated metal structures

AS 3703.2—1989, Long-span corrugated steel structures, Part 2: Design and installation

AS 1762—1984, Helical lock-seam corrugated steel pipes—Design and installation

The objective of this Standard is to provide designers, manufacturers and installers of buried corrugated metal structures with requirements for installation of such structures for use in earthworks as culverts or accessways.

This Standard is Part 2 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 (this Standard)
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) Materials and fabrication requirements have been moved to the other parts of the AS/NZS 2041 series (Parts 4 and 6).

(c) Clauses have been added to assist the installer to better understand the design issues relating to proper installation.

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.

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CONTENTS

Page

SECTION 1 SCOPE AND GENERAL
1.1 SCOPE 4
1.2 APPLICATION 4
1.3 NORMATIVE REFERENCES 4
1.4 DEFINITIONS 5
1.5 NOTATIONS 7
1.6 MARKING OF STRUCTURES 8

SECTION 2 INSTALLATION
2.1 GENERAL 9
2.2 CONFORMANCE TO THE DESIGN 9
2.3 METHOD OF INSTALLATION 10
2.4 STRUCTURAL BACKFILL 10
2.5 MINIMUM SPACING BETWEEN STRUCTURES 14
2.6 FOUNDATION AND BEDDING 16
2.7 RECEIVING AND HANDLING MATERIALS 20
2.8 REPAIR OF DEFECTS AND COATINGS 20
2.9 ASSEMBLY 21
2.10 PLACEMENT 22
2.11 OTHER COMPONENTS OF THE STRUCTURE 23
2.12 BACKFILLING 23
2.13 MINIMUM COVER FOR CONSTRUCTION EQUIPMENT AND ABNORMAL LOADS 26
2.14 SHAPE TOLERANCES 27

SECTION 3 END TREATMENT AND INVERT LINING
3.1 GENERAL 28
3.2 END TREATMENT 28
3.3 INVERT LINING 28
3.4 ALUMINIUM PLATE STRUCTURES 29

APPENDICES
A GUIDELINES FOR DESIGN INFORMATION FOR SUPPLY AND INSTALLATION 30
B FLOWABLE FILL 34

BIBLIOGRAPHY 37

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