

Menu

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

Print

[Save](#)

Email

[Resource detail](#)

[Citations](#)

AS/NZS 4798(Int):2005 Polyethylene maintenance shafts

Table of Contents

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

Abbreviation

AS/NZS 4798(Int):2005

Valid from

24/05/2005

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

Website

Cited By

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

Description

This Interim Standard specifies design and manufacture requirements for a polyethylene maintenance shaft (MS) comprising a moulded chamber and riser in one-piece seamless construction, or a moulded chamber jointed to a riser (normally a pipe) manufactured from a compatible material.

Scope

Maintenance shafts are intended for installation in sewerage systems (up to DN 300) for transportation of sewage at atmospheric pressure and average service temperatures up to 25C.

They are intended for buried vertical installation at depths up to 6 m, without buckling collapse and without exceeding long-term diametral distortion and stress limits as specified.

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

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

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

This resource is cited by:

AS/NZS 4798(Int):2005 Polyethylene maintenance shafts

This document is CITED BY:

- [AS/NZS 2033:2008](#)

AS/NZS 4798(Int):2005 is cited by AS/NZS 2033:2008 Installation of polyethylene pipe systems

[Back](#)

AS/NZS 4798(Int):2005 Polyethylene maintenance shafts

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This Interim Standard specifies design and manufacture requirements for a polyethylene maintenance shaft (MS) comprising a moulded chamber and riser in one-piece seamless construction, or a moulded chamber jointed to a riser (normally a pipe) manufactured from a compatible material.

[View on Information Provider website](#)

[AS/NZS 4798\(Int\):2005 Polyethylene maintenance shafts](#)

Description

This Interim Standard specifies design and manufacture requirements for a polyethylene maintenance shaft (MS) comprising a moulded chamber and riser in one-piece seamless construction, or a moulded chamber jointed to a riser (normally a pipe) manufactured from a

compatible material.

[View on Information Provider website](#)

This resource does not cite any other resources.

AS/NZS 4798(Int):2005 Polyethylene maintenance shafts

This resource does not CITE any other resources.

Back

Close

Table of Contents

Section 1 Scope And General

1.1 Scope

1.2 Limitations

1.3 Referenced Documents

1.4 Definitions

Section 2 General Requirements

2.1 Scope

2.2 Material

2.3 Thermal Stability

2.4 Tensile Properties

2.5 Slow Crack Growth Resistance

2.6 Material Data Sheets

2.7 Weathering Resistance For Handling And Storage

2.8 Carbon Black

2.9 Dispersion

2.10 Freedom From Defects

2.11 Requirements For Elastomeric Seals

2.12 Adhesive Joints

2.13 Requirements For Ms Riser Sections

2.14 Packaging, Storage And Transportation

Section 3 Design

3.1 General

3.2 Accessibility

3.3 Chamber Wall Thickness

3.4 Structural Integrity Of The Chamber

3.5 Riser

Section 4 Manufacture

4.1 Configurations

4.2 Dimensions And Tolerances

4.3 Welding

Section 5 Performance Requirements

5.1 General

5.2 Vacuum Test

5.3 Accessibility

5.4 Welded Joints

5.5 Elastomeric Seal Joints

5.6 Vacuum-Batch Release Test (BRT)

5.7 Thermal Stability-Batch Release Test (BRT)

Section 6 Marking Requirements

6.1 Marking

6.2 Additional Marking With Adhesive Label

Appendices

Appendix A - Compliance With This Standard

Appendix B - Requirements For Structural Analysis

Appendix C - Method For Load Testing

Appendix D - Method For Design Verification By Type Testing

Print [Save](#) Email

[Feedback](#)

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

[Feedback](#)