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AS/NZS 3725:2007 Design for installation of buried concrete pipes

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Abbreviation
AS/NZS 3725:2007
Valid from
22/01/2007
Replaces

Information provider
Standards New Zealand
Author
Standards New Zealand, Standards Australia
Information type
New Zealand Standard
Format
PDF

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Description

This Standard specifies methods, and provides data, for calculating the vertical working loads on buried concrete pipes due to the materials covering the pipes and superimposed loads. It also specifies methods for relating the minimum proof test load to the calculated vertical working loads on concrete pipes installed under particular conditions, including that of combined vertical load plus internal pressure.

Scope

This Standard sets out methods and provides data for the following:

- a) Calculating the vertical working loads on buried concrete pipes due to
 - i) the materials covering the pipes; and
 - ii) superimposed loads.
- b) Relating the minimum proof test load to the selection of appropriate pipes made in accordance with either AS 4058 or AS 4139, to the calculated vertical working loads on concrete pipes installed under particular conditions, including that of combined vertical load plus internal pressure.

In addition, the Standard classifies types of pipe installation and types of bedding and sets minimum requirements for the soil materials around the pipes and compaction of these materials.

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- [AS/NZS 3725 Supplement 1:2007](#)

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Australian Standards

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Appendix A - Controlled Low Strength Materials-Clsm

Appendix B - Superimposed Live Loads

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