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AS/NZS 3725 Supplement 1:2007

Design for installation of buried concrete pipes—Commentary (Supplement to AS/NZS 3725:2007)

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Australian Chamber of Commerce and Industry
Brisbane City Council
Business New Zealand
Cement & Concrete Association of New Zealand
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Design for installation of buried concrete pipes—Commentary (Supplement to AS/NZS 3725:2007)

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PREFACE

This Commentary was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-006, Concrete Pipes. It is intended that it be read in conjunction with AS/NZS 3725, *Design for installation of buried concrete pipes*, but does not form part of that Standard.

In preparing AS 3725—1989, the then committee considered it desirable that only necessary requirements be detailed in the Standard and that any additional explanations, advice or comments (based on experience gained over the years) be brought to the attention of the design engineer and other users of the Standard by the production of a Commentary. The current committee supports this view and has produced this updated commentary to support the 2006 revision.

It is not intended that the Standard be interpreted as preventing the use of methods of load assessment other than those specified, as indeed such alternative methods will possibly be required for circumstances not covered by the Standard. However, the committee considers that in the more usually encountered situations, the methods outlined in the Standard are those most acceptable to all concerned, due to their relative simplicity and the length of satisfactory experience so far obtained in their application.

For ease of cross-reference, clause numbers and titles used in the Commentary are the same as those used in the body of the Standard, but are prefixed with the letter C. However, figures (designated C1, C2, etc.) and appendices (designated CA, CB, etc.) provide additional information and do not correspond to those in the Standard. Not all Clauses in the Standard require comment and thus the numbering of this document is not comprehensive.

References given in the Commentary text are listed in Appendix CA.

Appendix CC of the Commentary contains a number of examples illustrating the application of the Standard to the selection of an appropriate pipe from AS 4058, *Precast concrete pipes—Pressure and non-pressure* or AS 4139, *Fibre-reinforced concrete pipes and fittings*. The examples are in the form of typical selection problems each followed by a worked solution.

The term ‘Paragraph’ followed by ‘C’ refers to the text of the Commentary.

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