New Zealand Standard

Specification for Concrete Production

Superseding NZS 3104:1991

NZS 3104:2003

COMMITTEE REPRESENTATION

Committee P 3104 was responsible for the preparation of this Standard and consisted of the following nominating organizations:

Co-opted Chair
Cement & Concrete Association of New Zealand
Building Research Association of New Zealand (BRANZ)
New Zealand Concrete Society
New Zealand Ready Mixed Concrete Association

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AMENDMENTS

No.	*Date of issue*	*Description*	*Entered by, and date*
1	June 2007	Minor adjustments and corrections, and a new clause (12.13.3.2 (b)) added for on-site concrete production plants.	Incorporated in this edition.
2	February 2010	Recognises that there is now more than one type of mechanism used for weigh systems (knife edge/lever arm and load cell). Clause 2.7.3 has been updated and errors in the Contents, 1.3, 2.9.1, and 3.1.4 have been corrected.	Incorporated in this edition.

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REFERENCED DOCUMENTS

Reference is made in this document to the following:

NEW ZEALAND STANDARDS

NZS 3109:1997	Concrete construction
NZS 3111:1986	Methods of test for water and aggregate for concrete
NZS 3112:1986	Methods of test for concrete Part 1: Tests relating to fresh concrete Part 2: Tests relating to the determination of strength of concrete
NZS 3121:1986	Specification for water and aggregate for concrete
NZS 3122:1995	Specification for Portland and blended cements (General and special purpose)
NZS 3123:1974	Specification for Portland pozzolan cement (type PP cement)
NZS 3125:1991	Specification for Portland-limestone filler cement
NZS 3604:1999	Timber framed buildings
NZS 4210:2001	Masonry construction: Materials and workmanship
NZS 4229:1999	Concrete masonry buildings not requiring specific engineering design

AUSTRALIAN STANDARDS

AS 1012.1-1993	Methods of testing concrete – Sampling of fresh concrete
AS 1012.20-1992	Methods of testing concrete – Determination of chloride and sulfate in hardened concrete and concrete aggregates
AS 1478.1-2000	Chemical admixtures for concrete, mortar and grout – Admixtures for concrete

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June '07

AMERICAN STANDARD

ASTM C1152/C1152M-97 – Standard Test Method for Acid-Soluble Chloride in Mortar and Concrete

OTHER DOCUMENT

TR3 – Alkali Aggregate Reaction – Minimizing the Risk of Damage to Concrete (Guideline notes and Model Specification Clauses).

LATEST REVISIONS

The users of this Standard should ensure that their copies of the above mentioned New Zealand Standards and referenced overseas Standards are the latest revisions or include the latest amendments. Amendments to New Zealand and Joint Australian/New Zealand Standards can be found on **www.standards.co.nz**.