New Zealand Standard

Specification for Methods of Test for Concrete

Part 1: Tests relating to fresh concrete

Superseding NZS 3112:Part 1:1980

NZS 3112:Part 1:1986

COMMITTEE REPRESENTATION

This Standard was prepared under the supervision of the Concrete Industry Sectional Committee (31/-) for the Standards Council, established under the Standards Act 1965.

The Concrete Testing Committee (2/2/5) was responsible for the preparation of the Standard and consisted of representatives of the following organizations:

Aggregates Association of New Zealand Department of Scientific and Industrial Research Ministry of Works and Development New Zealand Portland Cement Association New Zealand Ready Mixed Concrete Association

Amendment No. 1 was prepared under the direction of the Building and Civil Engineering Divisional Commitee (30/-) for the Standards Council, established under the Standards Act 1965.

The Concrete Testing Committee (31/18) was responsible for the preparation of the Amendment and consisted of representatives of the following organizations:

Aggregates Association of New Zealand Department of Scientific and Industrial Research Ministry of Works and Development New Zealand Concrete Research Association New Zealand Ready Mixed Concrete Association

STANDARDS ASSOCIATION OF NEW ZEALAND

6th FLOOR, WELLINGTON TRADE CENTRE, 181-187 VICTORIA STREET, WELLINGTON 1.

(Private Bag, Wellington), Telex: NZ 3850, Telephone: (04) 842-108

© COPYRIGHT

The copyright of this document is the property of the Standards Council. No part of it may be reproduced by photocopying or by any other means without the prior written permission of the Director of the Standards Association of New Zealand unless the circumstances are covered by the exemption sections (19 and 21) of the Copyright Act 1962.

AMENDMENTS

No.	Date of issue	Description	Entered by, and date		
1	May 1986	Major changes in sampling, slump and spread of concrete have	Incorporated		
		This is a preview. Click her	re to purchase the full publication		

NZS 3112: Part 1:1986

CONTENTS				
Committee representation Related documents Foreword		IFC 3 3		
Section				
1 2 3 4 5 6 7 8 9	Scope and interpretation Definitions Sampling freshly mixed concrete Determination of density (unit mass), yield, cement content, and air content (gravimetric) of concrete Determination of slump of concrete Determination of remoulding effort Determination of workability of concrete using the Vebe consistometer Determination of bleeding of concrete Determination of the air content of fresh concrete	5 6 7 9 11 12 14 15 16		
10	by the application of pressure Determination of the setting time of concrete by	18		
11	penetration resistance measurements Determination of spread of concrete	20		
Table				
1 2	Minimum capacity of measure Inner ring clearances for remoulding apparatus	9 13		
Figure				
1 2 3	Typical cone for slump test Remoulding apparatus clamped to the drop table Vebe consistometer	11 12 14		

REQUEST FOR NEXT AMENDMENT

If this address label has not been returned SANZ has no record that you wish to receive future amendments to this standard.

Note: Any amendment issued within 12 months of publication of this Standard, together with corrigenda and errata, will be sent free of charge in response to receipt of this

their own instead of being i charge. This will be notified the charge of the charge. This will be notified the charge of the cha

ST TO BE NOTIFIED OF ANY AMENDMENT TO

3112: Pt 1: 1986

ndment No.

and full postal address

Name

To confirm that the next amendment has been requested, enter details of

This is your mailing label for advice of any amendment to this New Zealand Standard. Please mail to Standards Association of New Zealand, Private Bag, Please type or print clearly