

TG4 – Errors in NZS 4407: 2015

TG Number:	TG4	Author:	Jayden Ellis
Revision number:	2	Issue Date:	February 2017

1 INTRODUCTION

WARNING: Following the publication of the New Zealand Standard, Methods of Sampling and Testing of Road Aggregates NZS 4407: 2015, several small errors have been discovered. Many or the errors were created inadvertently during conversion from a Word document to the publishing software used by Standards New Zealand.

This document has been created to help raise awareness of the errors so that users can make the appropriate allowances until an amendment is available.

2 ERROR# 1

On page 45, test 3.6, The Sand Equivalent, figure 5 - Apparatus, the diagram indicates **Outer Diameter of the Sand Equivalent Tube is 31 – 33mm.**

The correct dimension is “**Inside Diameter 31 – 33mm**”

3 ERROR # 2

On Page 72, test 3.10, The Crushing Resistance of Coarse Aggregate, Clause 3.10.4, The 1st sentence mentions the word “**Specimins**” which should be “**Specimens**”

4 ERROR # 3

On page 87 & 88, test 3.13, The Size and Shape of Aggregate Particles, Clause 3.13.4 (c) The denominator of the ALD formulae on page 87 is incorrect.

$\Sigma(G)$ should be $\Sigma(C)$

The symbol denoting the “total number of particles in the specimen” on page 88 should be $\Sigma(C)$

5 ERROR # 4

The Field Water Content and Field Dry Density of Compacted Materials- using a Nuclear Moisture – Density Gauge – Direct transmission Test 4.2 & Back Scatter Test 4.3.

On Pages 117 and 122, Clauses 4.2.7 (c) and 4.3.7 (c) The denominator of the air voids formulae is incorrect and one of the variables is missing from the list.

$100P_d$ should be $100P_w$

w = water content (%) should be added to the list of variables.

6 ERROR # 5

On page 75, figure 10, Apparatus for determining crushing resistance of coarse aggregate, dimension “A” for the 150mm diameter cylinder reads **153, -1.5, -0.** It should be **153, +1.5, -0.**

TG4 – Errors in NZS 4407: 2015

TG Number:	TG4	Author:	Jayden Ellis
Revision number:	2	Issue Date:	February 2017

7 ERROR # 6

On page 118, 4.2.7 (e), P_w should be replaced with **w = water content (%)** in the list of variables.

In 4.2.7 (f), P_d = **dry density of aggregate (t/m³)** should be added to list of variables.

On page 123, 4.2.8 (e), P_w should be replaced with **w = water content (%)** in the list of variables.

In 4.2.8 (f), P_d = **dry density of aggregate (t/m³)** should be added to list of variables.

8 DISCLAIMER

The information in this publication is to encourage high standards within the civil engineering testing industry. The document is intended as technical information / warning for CETANZ members only and in no way replaces New Zealand standards or OSH requirements. CETANZ cannot accept any liability of any sort for unsafe procedures carried out by Companies who are members of CETANZ or organisations who claim to be following these guidelines. CETANZ assumes no responsibility for any harm, loss or damage, which may arise from reliance on the guideline and disclaims all liability accordingly. Specialist and/or legal advice should always be sought on any specific problem or matter.