

Menu

- [Home](#)
- [About this portal](#)
- [Latest updates](#)

Print

[Save](#)

Email

[Resource detail](#)

[Citations](#)

# NZS 4402.5.1.1:1986 Methods of testing soils for civil engineering purposes - Soil density tests - Determination of the density of soil - Test 5.1.1 Sand replacement method for the determination of in situ density

[View on Information Provider website](#)

{{ linkText }}

Abbreviation  
NZS 4402.5.1.1:1986

Valid from  
31/12/1985

---

Information provider  
Standards New Zealand

Author  
Standards New Zealand

Information type  
New Zealand Standard

Format  
PDF

---

Cited By  
[This resource is cited by 12 documents \(show Citations\)](#)

Cites  
[This resource cites 2 documents \(show Citations\)](#)

---

Description

This standard test method covers the determination in situ of the density of undisturbed or comacted

soils.

#### Scope

For medium and fine soils within a depth of 150mm from the working surface either the small pouring cylinder or the large pouring cylinder may be used. For coarse soils, or for depths exceeding 150mm but not exceeding 250mm from the working surface, the large pouring cylinder shall be used.

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#) {{ linkText }}

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

## **NZS 4402.5.1.1:1986 Methods of testing soils for civil engineering purposes - Soil density tests - Determination of the density of soil - Test 5.1.1 Sand replacement method for the determination of in situ density**

This document is CITED BY:

- [B1/VM1 \(First Edition, Amendment 11\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First Edition, Amendment 17\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First edition, Amendment 14\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First edition, Amendment 10\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First edition, amendment 15\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First Edition, Amendment 12.\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First edition, Amendment 13\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [B1/VM1 \(First edition, Amendment 16.\)](#)

NZS 4402.5.1.1:1986 is cited by Verification Method B1/VM1: Structure - General from 01/07/1992

- [AS/NZS 2566.2:2002](#)

NZS 4402.5.1.1:1986 is cited by AS/NZS 2566.2:2002 Buried Flexible pipelines - Installation

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

NZS 4402.5.1.1:1986 is cited by AS/NZS 3725:2007 Design for installation of buried concrete pipes

- [NZS 4402.4.2.3:1988](#)

NZS 4402.5.1.1:1986 is cited by NZS 4402.4.2.3:1988 Methods of testing soils for civic engineering purposes - Soil compaction tests - Determination of the minimum and maximum dry densities and relative density of a cohesionless soil - Test 4.2.3 Relative density

- [NZS 4431:1989](#)

NZS 4402.5.1.1:1986 is cited by NZS 4431:1989 Code of practice for earth fill for residential development

Back

## **NZS 4402.5.1.1:1986 Methods of testing soils for civil engineering purposes - Soil density tests - Determination of the density of soil - Test 5.1.1 Sand replacement method for the determination of in situ density**

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This standard test method covers the determination in situ of the density of undisturbed or comacted soils.

[View on Information Provider website](#)

[NZS 4402.5.1.1:1986 Methods of testing soils for civil engineering purposes - Soil density tests - Determination of the density of soil - Test 5.1.1 Sand replacement method for the determination of in situ density](#)

Description

This standard test method covers the determination in situ of the density of undisturbed or comacted soils.

[View on Information Provider website](#)

This resource cites:

**NZS 4402.5.1.1:1986 Methods of testing soils for civil engineering purposes - Soil density tests - Determination of the density of soil - Test 5.1.1 Sand replacement method for the determination of in situ density**

This document CITES:

New Zealand Standards

- [NZS 4402.1:1986](#)

NZS 4402.5.1.1:1986 cites NZS 4402.1:1986 Methods of testing soils for civil engineering purposes - Part 1: Preliminary and general

- [NZS 4402.2.1:1986](#)

NZS 4402.5.1.1:1986 cites NZS 4402.2.1:1986 Methods of testing soils for civil engineering purposes - Part 2: Soil classification tests - Test 2.1 Determination of the water content

Back

Close

Table of Contents

Print

[Save](#)

Email

[Feedback](#)

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

[Feedback](#)