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AS 1289.5.3.1-2004 (R2016) Methods of testing soils for engineering purposes - Method 5.3.1: Soil compaction and density tests - Determination of the field density of a soil - Sand replacement method using a sand-cone pouring apparatus

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Abbreviation

AS 1289.5.3.1-2004 (R2016)

Valid from

12/03/2004

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

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Description

This Standard sets out the procedure for determining the field density of fine-grained and medium-grained soils (as defined in AS 1289.0) by the sand replacement method using a sand-cone pouring apparatus.

The gross mass per unit volume (wet density) may be calculated and the dry mass per unit volume (dry density) obtained by correcting for the moisture content.

The field dry density is determined for the total material at the test site.

The method of test may be used to any depth between 50 mm and 250 mm consistent with the soil type and the requirements for sand calibration.

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Notes/comments

Standard reconfirmed 17 Decemeebr 2017

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