

AS 1141.3.1:2021



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Methods for sampling and testing aggregates

Method 3.1: Sampling — Aggregates



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AS 1141.3.1:2021

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- Australian Geomechanics Society
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- Cement Concrete & Aggregates Australia — Aggregates
- Cement Concrete & Aggregates Australia — Cement
- Cement Concrete & Aggregates Australia — Concrete
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Methods for sampling and testing aggregates

Method 3.1: Sampling — Aggregates

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Preface

This Standard was prepared by the Standards Australia Committee CE-012, Aggregates and Rock for Engineering Purposes, to supersede AS 1141.3.1—2012.

The objective of this document is to define procedures that enable collection of samples that will represent the properties of aggregates produced from rock, gravel, sand and recycled aggregate plants.

The procedures address the common situations faced when obtaining samples in the field.

The major changes in this edition are as follows:

- (a) Addition of this Preface.
- (b) Additional terms and definitions, see [Clause 3](#).
- (c) Recognition of the variation in test results between plant produced samples and sample crushed in a laboratory, see [Clause 6.4](#).
- (d) The appendix has been reformatted into three informative appendices addressing the following topics:
 - (i) the sample terminology used in the AS 1141 series is discussed in [Appendix A](#);
 - (ii) the issue of segregation in aggregate and methods of sampling to avoid bias is discussed in [Appendix B](#); and
 - (iii) sampling schemes and the evaluation of samples are discussed in [Appendix C](#).

The terms “normative” and “informative” are used in Standards (and other publications) to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

Contents

Preface	ii
Section 1 Scope	1
Section 2 Normative references	2
Section 3 Terms and definitions	3
Section 4 Apparatus	5
4.1 General	5
4.2 Necessary apparatus	5
4.3 Procedural apparatus	5
4.4 Additional apparatus	5
Section 5 Sampling	7
5.1 General	7
5.2 Common reasons for sampling	7
5.2.1 General	7
5.2.2 Sampling for average properties only	8
5.2.3 Sampling for average properties and variability	8
5.2.4 Sampling for contamination or for a specific property in a limited area of a stockpile	8
5.2.5 Sampling for other purposes	8
Section 6 Samples, increment size, laboratory crushing of samples and sample reduction	9
6.1 General	9
6.2 Sample increment size	10
6.3 Sample size and composition	10
6.4 Laboratory crushing	10
6.5 Sample reduction	11
6.5.1 General	11
6.5.2 Reduction by sample divider	11
6.5.3 Reduction by rotary sample divider	12
6.5.4 Reduction by quartering	12
6.5.5 Reduction by channelling	13
Section 7 Sampling using mechanical samplers	14
Section 8 Hand sampling procedures	15
8.1 Sampling from a stopped conveyor belt	15
8.2 Sampling from bins	15
8.3 Sampling from trucks	15
8.3.1 General	15
8.3.2 Recovery of sample increments	15
8.3.3 Sampling of fine aggregate	16
8.4 Sampling from stockpiles	16
8.4.1 General	16
8.4.2 Hand sampling with a shovel or a scoop from the top of a trimmed stockpile	16
8.4.3 Hand sampling from the sides of a stockpile	16
8.4.4 Use of sampling tubes	16
Section 9 Sampling aided by power equipment	25
9.1 General	25
9.2 Sampling by costeaning	25
9.2.1 Limitations of costeaning	25
9.2.2 Sectioning of stockpile	25
9.2.3 Sampling procedure	25
9.3 Sampling using the backblading method	25
9.4 Sampling using other than the backblading method	26
Section 10 Sampling at construction sites	31

10.1	Sampling from a placed layer.....	31
10.2	Sampling from small heaps or windrows.....	31
Section 11	Packaging and identification	32
11.1	Records.....	32
11.2	Containers	32
11.3	Labelling.....	32
Section 12	Test report.....	33
Appendix A (informative)	Sampling terminology	34
Appendix B (informative)	Segregation and related issues	36
Appendix C (informative)	Sampling schemes	42
Bibliography	45