

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 4489.1.1—1997

Test methods for limes and limestones

Method 1.1: Sample preparation—Quicklime and hydrated lime

RECONFIRMATION NOTICE

Major stakeholders of this publication have been consulted and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 03 June 2016.

NOTES

Australian Standard®

Test methods for limes and limestones

Method 1.1: Sample preparation—Quicklime and hydrated lime

1 SCOPE This Standard sets out the procedure for obtaining samples of quicklime, hydrated lime, lime slurry and lime putty, and their preparation prior to testing. It is applicable to a continuous stream or to a discrete lot of lime.

2 REFERENCED DOCUMENT The following document is referred to in this Standard:

AS

1672 Limes and limestones

1672.1 Part 1: Limes for building

3 DEFINITIONS For the purpose of this Standard, the definitions below apply.

3.1 Individual or grab sample—a sample obtained in accordance with one of the following conditions:

- (a) Accumulated by a mechanical sampler from a lime stream, in less than 5 min.
- (b) From a container or a lime stream taken as a single grab using a sampling tube or other device.
- (c) From a bagged lot when a full bag is taken.

3.2 Composite sample—a sample obtained by one of the following means:

- (a) Accumulated by a mechanical sampler from a lime stream, in 5 min or longer, where the sample discharges into a single container.
- (b) By combining individual samples.
- (c) By combining composite samples.

NOTE: Samples may be combined by taking equal masses of samples or in proportion to the quantity of lime represented by the respective samples.

3.3 Test sample—a sample to be submitted for testing in compliance with AS 1672.1.

4 SAMPLING The sample shall be a representative sample of either a continuous stream of lime, or a discrete lot. In particular, measures shall be taken to avoid segregation or contamination of samples taken from a pneumatic system, screws and air slides.