

AAPA National Proficiency Testing Round 2019/20

Instruction sheet for test stream 3: Coarse Aggregate Tests

Description:

Laboratories registered for the coarse aggregate test stream of the AAPA 2019/20 Proficiency Testing Round.

Participants are encouraged to complete the following tests:

- Particle density and water absorption AS1141.6.1, or AS1141.6.2
- Particle size distribution AS1141.11.1
- Average least dimension (ALD) nominal 10 mm and greater direct measurement AS1141.20.1
- Average least dimension (ALD) Calculation by nomograph AS1141.20.3
- Flakiness index AS1141.15

Where the laboratory does not hold NATA accreditation for these Australian Standard methods, results for an equivalent local test method may be reported, but please note that the proficiency z-score analysis will not be valid for such results.

To report the results, access the webform by clicking:

<http://www.123formbuilder.com/form-5236515/s3-aggregate-tests>

Please note that you will need the **Laboratory ID Code**, which has been sent to you via e-mail to complete the webform.

Submit results by 30 May 2020.

Procedure:

A sample will be supplied of approximately 15kg of 14mm nominal maximum size aggregate.

Sample preparation:

- Dry sample to constant mass in oven at 105 ± 5 °C
- Before any testing, mix the sample and then cone and quarter or rifle thoroughly

Reporting:

Use the webform to report:

- Particle density (apparent)
- Particle density (dry basis)
- Particle density (saturated surface dry)
- Water absorption
- Particle size distribution
- Flakiness index
- Average least dimension by direct measurement (nominal 10mm and greater)
- Average least dimension by calculation nomograph