

AGGREGATES TEST METHODS

Classification of aggregates

QCTO Aligned

SHORT COURSE

OVERVIEW

The main focus of the learning in this course is to build an understanding of the aggregate test methods applicable to the classification of aggregate materials. This short course will prepare learners with practical knowledge required as a materials tester.

COURSE CONTENT

Particle size analysis of aggregates by sieving
- SANS 3001-AG1

Determination of the average least dimension of aggregates by direct measurement
- SANS 3001-AG2

Determination of the average least dimension of aggregates by computation
- SANS 3001-AG3

Determination of the flakiness index of coarse aggregate
- SANS 3001-AG4

ACV (aggregate crushing value) and 10% FACT (fines aggregate crushing test) values of coarse aggregates
- SANS 3001-AG10

Determination of the bulk density, apparent density and water absorption of aggregate particles retained on the 5 mm sieve for road construction materials
- SANS 3001-AG20

Determination of the bulk density, apparent density and water absorption of aggregate particles passing the 5 mm sieve for road construction materials
- SANS 3001-AG21

Apparent density of crushed stone base
- SANS 3001-AG22

Particle and relative densities of aggregates
- SANS 3001-AG23

ADMISSION REQUIREMENTS

Prospective delegates should at least have a Matric certificate/NQF4



TARGET AUDIENCE

This short course is ideal for laboratory technicians, people working on road construction projects and for those dealing with civil materials at graduate level.



COURSE FEES

Contact us for detailed costing



COURSE DURATION

4-day course



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