

CONCRETE LABORATORY TRAINING

QCTO Aligned

ADVANCED SHORT COURSE

OVERVIEW

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

COURSE CONTENT

X1 Sampling test Method

Sampling of Freshly Mixed Concrete
- TMH5 MB9

X3 AG Tests Methods

Particle size analysis of aggregates by sieving
- TMH5 MB9

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

X3 Concrete Test Method

Making and curing of test specimens
- SANS 5861-3

Consistence of freshly mixed concrete - Slump test
- SANS 5862-1

Compressive strength of hardened concrete
- SANS 5863

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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

3-day course



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