

FIELD WORK 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 field work. This short course will prepare learners with practical knowledge required as a field worker.

COURSE CONTENT

Sampling of Freshly Mixed Concrete

- TMH5 MB9

Sampling of Asphalt or Concrete from completed layer or structure

- TMH5 MC2

Drilling, Preparation and Testing Strength of Cores taken from Hardened Concrete

- SABS 865

Sampling from Sampling Pit in Natural Gravel, Soil & Sand

- TMH5 MA2

Sampling from Stockpiles

- TMH5 MB1

Sampling of Previously Blended (ready mixed) Asphalt

- TMH5 MB7

Sampling of Slurry Mixtures

- TMH5 MB8

Sampling of Treated Pavement Layers

- TMH5 MB10

Sampling of Road Pavement Layers

- TMH5 MC1

Division of a Sample Using the Riffler

- TMH5 MD1

Division of a Sample by Quartering

- TMH5 MD2

Sampling of Modified Binders

- TG1-MB1

Sample Preparation

- TG1-MB2

Sampling of Bituminous Binders

- TMH5 MB4

Determination of in situ density using a nuclear density gauge

- SANS 3001-NG5

Determination of the in-situ permeability of a bituminous surfacing (Marvil test)

- SANS 3001-BT12

Ball penetration test for the design of surfacing seals

- SANS 3001-BT10

Texture depth measurement for the design of surfacing seals

- SANS 3001-BT11

Measurement of transverse distribution ('Bucket test') for a binder distributor

- SANS 3001-BT24

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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

5-day course



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