

# The Asphalt Academy



## Presents Materials Testers Course SANS 3001-AG

### Module 3 SOILS & GRAVELS TESTING

Presenter: Barry Pearce  
(SANAS Accredited Technical Assessor)

Mon 17<sup>th</sup> – Friday 21<sup>st</sup> August 2020  
in DURBAN

An intensive 5-day course  
08:30 to 16:30 each day

#### Course Objectives

- To train candidates in the correct soils and natural gravel test methods as per industry standards.
- To provide the theory component of the ISO17024 certification
- Execute testing procedures pertaining to soils & gravels materials to the latest SANS 3001 methods

#### Course Structure

*The course has been structured into the following 7 modules presented over 24-month period:*

- Module 1 – Sampling of Materials
- Module 2 - Aggregates testing
- Module 3 - Soils and Natural Gravel testing
- Module 4 – Concrete testing (by TCI)
- Module 5 - Bituminous Binder testing
- Module 6 – Asphalt testing
- Module 7 – Nuclear gauge testing

#### Who should attend?

- All persons involved in the laboratory testing of soils & natural gravels
- Those wishing to refresh their knowledge of the correct testing procedures
- Those who wish to get a better understanding of the changes incorporated into the SANS 3001 series.

#### Cost (incl VAT)

R 10 000 - for Sabita members  
R 11 300 - for NON Members

***NB - Registration will be limited and, will be accepted on a first received basis and only confirmed once payment of the course fees has been received.***

## Course Programme

### Day 1

- Registration, introduction, ice breaker;
- Introduction to soils & gravels
- Theory on 1<sup>st</sup> method for soils & gravels testing – sample prep & grading

### Day 2

- Multiple choice test
- Safety aspects in laboratories
- Theory on 2<sup>nd</sup> section of soils & gravels testing method – MDD & OMC,
- Afternoon practical session

### Day 3, 4 & 5

- Multiple choice test
- Theory on 3<sup>rd</sup>, 4<sup>th</sup>, & 5<sup>th</sup> section of soils & gravels testing method – CBR, grading, Atterberg,
- Afternoon practical sessions.

All course notes, a light lunch and teas will be provided. To register, go online to [www.asphaltacademy.co.za](http://www.asphaltacademy.co.za) For more details or any other enquiry call us on 021 5312718.

### *Comments received from previous attendees*

*“Course very beneficial to my working environment”*

*“It was an excellent course!”*

*“The facilitator really knows his work and helped me to understand things better”*

*“I would like to attend all your courses”*

### *Course Dates of other MTC modules*

For the schedule of the MTC modules, please check the Asphalt Academy website under Calendar of Events: [www.asphaltacademy.co.za](http://www.asphaltacademy.co.za)