SOUTH AFRICAN ROAD FEDERATION

presents a 2 day virtual course on

The New COTO Specifications: Materials and Construction of Earthworks and Pavement Layers

PRESENTER

Ronnie Koen

(Compiler of the COTO Chapter 4 and co-compiler of Chapter 5)

Wednesday 23rd – Thursday 24th February 2022

Virtual via MS Teams

Delegates can claim 2 ECSA CPD points

COURSE DESCRIPTION

The new COTO Standard Specifications for Road and Bridge Works for South African Road Authorities, October 2020 were approved by the Committee of Transport Officials as a Draft Standard and replaced the COLTO Standard Specifications for Road and Bridge Works for State Road Authorities (1998 edition). The Materials and Construction for Earthworks and Pavement Layers in the new Specifications differ considerably from the COLTO Specifications. They are now covered in two separate chapters, with the material requirements and sourcing (procurement) in Chapter 4, and the construction in Chapter 5. Material specifications have been revised; new materials are included, while alternative materials are also covered. The use of new technology construction is included in Chapter 5. Complete new measurement and payment items have been created in both chapters to cater for the split between the sourcing and construction. The course will familiarise practitioners with the new specifications, measurement and payment items in the two chapters, as well as related sections in other chapters.

WHO SHOULD ATTEND

Attendance of the course will be beneficial to all practitioners involved in road pavement design, investigation, construction and testing such as road authorities, consulting engineers, compilers of procurement documentation, contractors, tendering and pricing departments, and road laboratories. Commercial suppliers of materials for earthworks and pavement layers will also gain knowledge of the new material specifications. The new COTO Standard Specifications (2020) are mandatory for use in procurement documents advertised as from 1 March 2021.

COURSE PROGRAMME

The course programme will include:

Day 1

- Introduction.
- Overview of the COTO Specifications.
- Chapter 4 Section 4.1 – Materials.
- Chapter 4 Section 4.1 – Sourcing materials from borrow pits and quarries.
- Chapter 1 Section 1.6 – Clearing and Grubbing.
- Chapter 12 Section 12.10 – Hard excavation by blasting.
- Chapter 4 Section 4.2 – Cut materials.
- Chapter 4 Section 4.3 – Existing road materials.
- Chapter 4 Section 4.4 – Commercial materials.
- Chapter 4 Section 4.5 – Alternative materials.
- Other aggregate comparisons

Day 2

- Chapter 1 Section 1.7 – Loading and hauling.
- Chapter 5 Section 5.1 – Roadbed.
- Chapter 5 Section 5.2 – Fill.
- Chapter 5 Section 5.3 – Road pavement layers.
- Chapter 5 Section 5.4 – Stabilisation.
- Chapter 5 Section 5.5 – Reconstruction of pavement layers.
- Chapter 20 Section 20.1 – Quality assurance.

Cost per delegate including VAT

SARF Members	**R3 850**
Non-Members	**R4 300**

Register online at: http://www.sarf.org.za

Terms and conditions apply

Closing date: Friday 18th February 2022

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