SOUTH AFRICAN
ROAD FEDERATION

will present a two-day course on

BRIDGE AND CULVERT INSPECTOR VISUAL ASSESSMENTS AND INTRODUCTION TO BRIDGE MANAGEMENT

PRESENTERS
Peter Fenton – eThekwini Municipality
Paul Nordengen – CSIR Built Environment
Stephen Humphries - Nyeleti Consulting
Edwin Kruger – SANRAL

Tuesday 27th – Wednesday 28th Sept 2016

DURBAN

COURSE DESCRIPTION
This accredited course is aimed at all that are actively involved in bridge management from client bodies to consulting engineering personnel that may get involved with inspections. The course is based on the DER method for bridge and culvert inspections (TMH19), which is used by national, provincial, and municipal authorities. The DER rating system is the compulsory inspection method used by all road authorities if they wish access Treasury funding for maintenance of road structures. The course is open to all, but specifically aimed at those who have made bridges and culverts their area of expertise. The Committee of Transport Officials (COTO) has as part of its draft TMH19 requirements which can be downloaded from the following link:
The course is also essential to road authority representatives who administer consultants that do the inspections for their authority.

Attendance of the course and passing the exam does not necessarily lead to accreditation for which candidate have to apply separately for if they have the requisite experience. ECSA CPD attendance certificates will however be issued to those who have attended the course.

The course will cover:
• Introduction to Bridge Management
• The DER rating system
• Visual Assessment Guide
• Site visit and bridge calibration inspection

• Written examination
A set of notes including the Visual Assessment Guide will be provided to each delegate. Certificates of attendance will be issued to all that attend.

PRELIMINARY PROGRAMME

DAY 1
08:30 - 08:45 Welcome, housekeeping and attendance register
08:45 - 09:00 1 Introduction to structures management
09:00 - 09:20 2 Visual assessment of structures
09:20 - 10:10 3 The DER rating system – TMH 19
10:10 - 10:30 4 Inspection forms
10:30 - 11:00 Tea Break
11:00 - 11:30 5 Inspection procedure and quality assurance
11:30 - 11:50 6 TMH22 Requirements for accreditation
11:50 - 12:20 7 TMH19 Draft Manual for visual assessments
12:20 - 12:30 Questions and discussion

DAY 2
08:30 - 09:00 12 Case studies in eThekwini municipality
09:00 - 09:30 Travel to bridge
09:30 - 11:30 Practical bridge inspection: training exercise
11:30 - 12:00 Return to venue
12:00 - 12:30 Discussion of bridge inspection
12:30 - 13:15 Lunch
13:15 - 13:30 Summary and Closure
13:15 - 13:30 Arrangements for Exam
13:30 - 15:30 Exam

COURSE FEES PER DELEGATE INCLUDES VAT
SARF Sponsor Members R 5 200
SARF Members R 5 800
Non Members R 6 300

Exact venue will be confirmed when proof of payment is received by SARF

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

Terms and conditions apply

Closing date: Friday 16th September 2016

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Delegates can claim 2 ECSA CPD points