



## AQUA ECO

*in association with*

## SOUTH AFRICAN ROAD FEDERATION

*presents a 1 day Virtual course on*

## ENVIRONMENTAL MANAGEMENT IN CONSTRUCTION & MAINTENANCE OF ROADS & ASPHALT PLANTS

**Monday 17<sup>th</sup> August 2020**

***PRESENTER***

**Mr. ETIENNE HINRICHSEN**

**Delegates can claim  
2 ECSA points**



**5 CPD Hours Allocated**

The South African Council for the Project and Construction Management Professions

### ABOUT THE COURSE

The course aims to equip the participants with a broad overview of environmental management, but specifically as this applies to the asphalt sector and the construction of roads. The course covers the environmental laws that apply to asphalt and roads projects and illustrates how environmental management aspects are an essential component in projects related to asphalt and the construction of roads.

Participants to the course will gain a better insight into the environmental management framework for asphalt and roads projects and will be coached in the use and / or understanding of environmental management tools such as EIA's, management plans, codes of practice, audits and environmental method statements. The course will also cover environmental aspects typical to asphalt and roads projects, including water and soil management, dealing with bitumen and waste, stockpiles and borrow pits, rehabilitation measures and dealing with authorities, the public and complainants.

### WHO SHOULD ATTEND

Attendance to the course will be beneficial to engineers, contractors and sub-contractors, roads planning personnel, construction and maintenance personnel, project managers, contract managers, HSE personnel and personnel from roads authorities.

The course is targeted at practitioners operating at NQF level 5 and above and it is expected that 1 CDP credit will be earned by attendance of this course.

### COURSE PROGRAMME

- ✚ Introduction to Environmental Management.
- ✚ From a Global Context to a Local Perspective.
- ✚ Overview of Environmental Law – Obligations and Liabilities, with specific consideration to the Environmental Laws applicable to asphalt and roads.
- ✚ Basic Checklist of Environmental Authorisations for Roads Projects.

- ✚ Being Environmentally Aware and Creating Awareness on Roads Projects.
- ✚ The Environmental Manager – Roles and Responsibilities.
- ✚ Environmental Management Systems and Tools on Asphalt and Roads Projects.
- ✚ Environmental Practices, including:
  - ❖ Water management (stormwater, abstraction, water crossings, water for construction and wash bays)
  - ❖ Soil management (dust, erosion, etc.)
  - ❖ Storage, use and disposal of bitumen products
  - ❖ Stockpile, spoil and borrow areas
  - ❖ Dealing with waste
  - ❖ Rehabilitation measures
  - ❖ Dealing with the authorities, the public and complainants around environmental matters.
  - ❖ Environmental Contingency Planning

### COSTS

SARF Members	R 1 725
Non Members	R 2 225

*The above fee includes VAT*

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

***Terms and conditions apply***

***Closing date: Tuesday 11<sup>th</sup> August 2020***

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