



INTRODUCTION TO WATER & WASTEWATER TREATMENT

A 2-day course aimed at professionals who need an introduction into the fascinating world of water and wastewater treatment

COURSE OVERVIEW

Sustainable access to a safe source of water is not only a basic human right, but also a key driver in ensuring the social, environmental, and economic sustainability of a community. This course focuses on the principles behind Water and Wastewater Treatment and will provide delegates who typically do not deal with the intimate details of these processes on a day-to-day basis with a better understanding of how these plants function.

COURSE OUTLINE

- 💧 Water Treatment Introduction
- 💧 Wastewater Treatment Introduction

- 💧 Overview of Water Treatment Processes
 - Coagulation & Flocculation
 - Filtration
 - Oxidation
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- 💧 Overview of Wastewater Treatment Processes
 - Wastewater Inlet
 - Activated Sludge
 - Disinfection
 - Sludge Handling

WHO SHOULD ATTEND

- ✓ Technologists involved in the planning, management and operation of water and wastewater treatment.
- ✓ Utilities Senior Management
- ✓ Maintenance / Infrastructure Managers
- ✓ Water Resources Managers
- ✓ Technical Department Managers
- ✓ Commercial Department Managers
- ✓ Human Resources Managers

MEET THE PRESENTER

Dewald van Staden – Pr PC Water, Pr. Nat.Sci, SFWISA

Dewald has been involved in the field of water and wastewater treatment for the last 20 years. He obtained his B.Tech degree in Water Care from the Tshwane University of Technology, is registered with the South African Council for Natural Scientific Professions (SACNASP) as a Professional Natural Scientist and with the Water Institute of Southern Africa (WISA) as a Professional Process Controller.

He currently holds a senior position at Enviro Metsi (Pty) Ltd where his involvement in water and wastewater treatment focuses on management, operation and maintenance of treatment works.

Please contact Anita Pillay at training@wisa.org.za or 086 111 9472 should you have any queries