

Now Available

# Advanced Level Training

## Waste Water Treatment – Theory & Design

### The Training Module :



- Introduction to ETP and STP Process
- Plant Layout & Design
- Biological Treatment Process
- Chemical Treatments Process
- DAF - Clarifier - Dryers
- Diffusion and Aeration
- Main Parameters and Control
- Optimization of the Treatment Process
- Exercises and Q&A



Laminated Spring Bound Training guides are provided to facilitate the training and use as a reference guide. ( 2 copies but more available on request. )

### Course Outcomes :

- Understanding of the layout of a treatment plant.
- Improved familiarity with the terms used, for example clarifier, DAF, balance tank etc.
- An appreciation of the complexity of the interaction of biological & chemical processes.
- Knowledge on the biological processes involved in treating wastewater, the nitrogen cycle
- An ability to connect the laboratory test results to different stages of the process
- An approach to diagnosing problems within a wastewater process  
( low inlet COD , high ammonium in aeration basin , floating sludge.... )
- An understanding of commonly used terms and ratios for wastewater treatment plant Performance... typically O.U.R. and O.L.R. and S.R.R.



Scheduling Availability  
within 2 weeks

