

PITA Training & Conferences

Paper
Industry
Technical
Association

PITA & Peter Luimes present
"Fundamentals of Wastewater Treatment"
12th & 13th March 2024 / Venue TBA

This Two Day course will focus on optimising biological treatment plants to meet BAT, reduce operating costs and generate revenue.

The course will be of relevance to any paper industry site operating or considering investment in an activated sludge plant, a biological filter or anaerobic digestion plant.

BAT8 covers the monitoring of 'key process parameters and of emissions to water and air'. Make sure you are ready for it with this course!



Day One:

- **Wastewater Characteristics:** What is COD, BOD, ammonia, phosphate?
- **Nutrient Addition:** Balancing nitrogen and phosphorus to achieve consent
- **Aerobic or Anaerobic:** Costs, income, reactor types
- **Troubleshooting:** Scaling, overloading, septicity

Day Two:

- **Activated Sludge Processes:** The importance of sludge age and how this affects settlement rates
- **Optimising Final Sedimentation Tanks:** Getting the most out of the final tank when settlement is poor
- **Microscopic Analysis of Activated Sludge:** What to look for and what it means
- **Filamentous Bulking Control Strategies:** Selectors and chemical addition



Course fees, include full
course notes,
refreshments & six
months complimentary
membership of PITA

**For further details &
to book your place on this course,
contact Helen in the PITA Office
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