



*Training Course:  
Operators of the Wastewater Treatment Plants*

*15 - 19 February 2027  
Kuala Lumpur (Malaysia)*

## Training Course: Operators of the Wastewater Treatment Plants

Training Course code: EN9461 From: 15 - 19 February 2027 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 6825 € Euro

### Introduction

Wastewater treatment plants WWTPs play a vital role in protecting public health and the environment by treating and safely discharging wastewater. Skilled operators are essential to ensure efficient plant performance, regulatory compliance, and sustainable operations.

This program, designed by Global Horizon Training Center, equips participants with the practical knowledge and operational skills required to manage, monitor, and optimize wastewater treatment plant processes effectively.

### Course Objectives

By the end of this program, participants will be able to:

- Understand wastewater treatment processes and plant operations
- Operate and monitor treatment units effectively
- Control biological, chemical, and physical treatment processes
- Perform routine inspections and maintenance
- Analyze water quality parameters and laboratory results
- Troubleshoot operational issues
- Ensure compliance with environmental regulations
- Improve plant efficiency and performance

### Target Audience

This program is designed for:

- Wastewater Treatment Plant Operators
- Environmental and Process Engineers
- Maintenance and Operations Personnel
- Laboratory and Water Quality Technicians
- Municipal and Industrial Water Professionals
- Supervisors in water and wastewater facilities

### Outline

Day 1: Fundamentals of Wastewater Treatment

- Overview of wastewater sources and characteristics
- Treatment objectives and standards
- Physical, chemical, and biological processes
- WWTP layout and components
- Safety practices

#### Day 2: Primary and Secondary Treatment Processes

- Screening and sedimentation
- Activated sludge process
- Biological treatment systems
- Aeration and sludge handling
- Process monitoring

#### Day 3: Advanced Treatment and Disinfection

- Tertiary treatment methods
- Filtration and nutrient removal
- Disinfection processes chlorination, UV
- Sludge treatment and disposal
- Environmental considerations

#### Day 4: Operation, Monitoring, and Maintenance

- Process control and optimization
- Equipment operation and maintenance
- Sampling and laboratory analysis
- Troubleshooting operational problems
- Documentation and reporting

#### Day 5: Compliance, Optimization, and Case Studies

- Regulatory requirements and compliance
- Performance monitoring and KPIs
- Energy efficiency and cost optimization
- Best practices in WWTP operation
- Case studies and real-world applications

## Registration form on the Training Course: Operators of the Wastewater Treatment Plants

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
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to: Global Horizon  
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