



Wastewater Treatment And Reclamation  
Technology And Its Practical Management



2 - 13 February 2025



Muscat (Oman)

# Wastewater Treatment And Reclamation Technology And Its Practical Management

course code: N9142 From: 2 - 13 February 2025 Venue: Muscat (Oman) - course Fees: 3750 Euro

## About this Program

- In Easy to Practical, Understand and Implement Style
- Full Technology Program For Your Key Staff
- Improves Productivity And Information Level To Enable Effective Decision Making On The Job
- This is a Technology Transfer Course Intended for Engineers and Supervisors of Industries, Municipalities, Water Pollution Control Agencies.

## PROGRAM CONTENT

### PRACTICAL MANAGEMENT ISSUES

- Management Issues
- Good Management Practices
- Good Operating Practices

### WASTE WATER COLLECTION SYSTEMS:

- Collection Systems - Municipal Industrial
- System Cleaning and Maintenance
- Underground Repair and New Construction
- Lift Stations
- Equipment Maintenance and Safety Issues

### CONVENTIONAL WASTE WATER TREATMENT SYSTEMS

- Waste Treatment Ponds
- Racks
- Screens
- Comminutors
- Grit Removal
- Sedimentation
- Flotation
- Trickling Filters
- Rotating Biological Contactors
- Activated Sludge Plants
- Waste Treatment Ponds
- Disinfection and Chlorination
- Sludge Digestion and Solids Handling
- Plant Safety
- Plant Maintenance
- Laboratory Procedures and Chemistry
- Calculations - Analysis - Records.
- Odor Control
- Activated Sludge
- Instrumentation

- Waste Monitoring
- Support Systems.

### **MUNICIPAL WASTE WATER RECLAMATION. INDUSTRIAL WASTE WATER:**

- Nature of Waste Water from different Industries
- Monitoring Techniques
- API Separators
- Conventional Industrial Treatment Systems
- Panic Ponds
- Chemical Treatment
- Customized Activated Sludge
- Petrochemical Waste Water - Special Considerations

### **INDUSTRIAL MUNICIPAL WASTE WATER RECLAMATION STRATEGY:**

- The Problem
- The Systematic Study of the Problem
- The Pilot Plant Techniques
- Study for your Waste Water,
- Preparing Chemical Resistant Activated Sludge
- Pilot Plant Results Analysis
- Scaling Up
- Design of Waste Water Treatment and Reclamation Plants
- Ion Exchange Softeners
- Finishing Treatment for Reclaimed Water
- Special Chemical Additives for particular reuse applications
- Monitoring and Operation of Reclamation Facilities
- Special Precautions, Problems and Solutions with Reclaimed Water use.

