

**Course Overview:**

This course is designed to train operators to safely and effectively operate and maintain drinking water treatment plants

**Course Objective:**

Water treatment plant operators have vital roles in ensuring the health and well being of the communities in which they service. Some of these services are often taken for granted

**Course Outline:**

1. THE WATER TREATMENT PLANT OPERATOR
2. WATER SOURCES AND TREATMENT
3. RESERVOIR MANAGEMENT AND INTAKE STRUCTURES
4. COAGULATION AND FLOCCULATION
5. SEDIMENTATION
6. FILTRATION
7. DISINFECTION
8. CORROSION CONTROL
9. TASTE AND ODOR CONTROL
10. PLANT OPERATION
11. LABORATORY PROCEDURES

**Who Should Attend:**

This course is recommended for technicians and operating engineers (Mechanical and electrical engineers).

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation