

# Introduction To Water Treatment

**OLC110**



Online Training

## Information Packet

## Costs

- \$232 USD
  - Price includes
    - Narration
    - Many illustrations
      - Video clips
      - Animations
      - Pictures
    - Interactive questions
    - Practice exams
    - Final exam
  - Discounts may apply
    - Bundled discount for RO Certification
    - Multiple-course discount
    - Multiple-trainee discount
    - From time to time DHP runs special discounts

## Length:

Eight (8) hours

## What you will earn:

David H. Paul, Inc Certificate upon successfully passing an exam based on the knowledge and proficiencies learned in this course

## Description:

You will understand the basics of water treatment. You will learn about different types of contaminants, source waters and different applications for water treatment.

## Overview of Topics

- Overview of Water Contaminants
- Overview of Water Treatment
- Overview of Source Waters
- Overview of Water Treatment Applications
- Overview of Water Treatment for the Drinking Water Industry
- Overview of Water Treatment for the Power Generation Industry
- Overview of Water Treatment for the Pharmaceutical/Biotech Industry
- Overview of Water Treatment for the Semiconductor Industry

## Topic Breakdown

### Overview of Water Contaminants

- Introduction
- Water Contaminants

### Overview of Water Treatment

- Introduction
- Source Water
- End-Use Requirements
- Water Treatment

### Overview of Source Waters

- Introduction
- Surface Water
- Ground Water
- Seawater
- Conclusion

### Overview of Water Treatment Applications

- Introduction
- Problems
- Water Treatment Applications

### Overview of Water Treatment for the Drinking Water Industry

- Introduction
- Drinking water Requirements
- Source Water
- Treatment Schemes

### Overview of Water Treatment for the Power Generation Industry

- Introduction
- Power Generation
- Boiler Feed Water
- Cooling Towers

### Overview of Water Treatment for the Pharmaceutical/Biotech Industry

- Introduction
- Compendial Waters
- Sample Treatment Scheme

### Overview of Water Treatment for the Semiconductor Industry

- Introduction
- Ultrapure Rinse Water
- Sample Treatment Scheme

## **DHP's Training Methodology**

DHP uses the consulting services of a Doctor of Education from Columbia University (Dr. Linda Paul) in the development of its online training courses.

DHP's training methodology includes:

- Short, interesting, interactive lecture sessions using:
  - Lecture slides
  - Video clips
  - Animations
- Pop quizzes to enhance understanding and retention
- Practice exams

## **Who Should Take This Course**

Everyone who works with, or will work with, the reverse osmosis and pretreatment technologies in operating plants needs to know the tips, techniques and proficiencies taught in this online training, including:

- Operators
- Maintenance personnel
- I & C Technicians
- Supervisors/Managers
- Engineers
- Original Equipment Manufacturers
- Service technicians
- More

## **What You'll Receive**

- 8 hours of interesting, easy-to-understand training
- David H. Paul, Inc Certificate upon successfully passing an exam based on the knowledge and proficiencies learned in this course