

RO SYSTEM OPERATION & FEATURES OF OPTIMUM DESIGN LEVEL 2

 4 DAY |  CLASS ROOM COURSE

Valuable both from a design standpoint and from an operations/troubleshooting standpoint this course takes participants through a step by step understanding of good RO unit design and operation. This course is designed to provide valuable, practical knowledge to anyone wanting to understand the most important features of a well-designed and operated RO system.



TOPICS INCLUDED

- › Water contaminants
- › Semipermeable RO/NF membranes
- › Osmosis & reverse osmosis
- › Membranes
- › Membranes elements
- › Pressure vessels
- › RO/NF units
- › SWRO unit operation
- › Source waters
- › A complete RO feed water analysis
- › Understand a complete water analysis report
- › Using free software programs to evaluate feed waters
- › Analysis that must be performed on-site
- › Evaluating scaling potentials
- › Evaluating non-living fouling potentials
- › Evaluating living fouling potentials
- › Good design means low fouling

WHO SHOULD ATTEND?

Design Engineers, Plant Engineers, Service Technicians, Buyers and Plant Managers

PREREQUISITES

Participants should have completed the Foundation Level Water Chemistry Course and the RO Operation, Monitoring & Troubleshooting Level 1 Course or possess adequate relevant work experience

WHAT YOU WILL RECEIVE

28 hours of enjoyable, interesting & easy to understand training

Illustrated text book

Lunch and refreshments

Presentations and group interactive discussions with input & feedback encouraged