

RO OPERATION MONITORING & TROUBLESHOOTING LEVEL 1

 4 DAY |  CLASS ROOM COURSE

Course participants will receive practical, proven & immediately useable methods and approaches that address technical issues related to the operation, maintenance and monitoring of seawater desalination plants. Participants will learn how to maintain plant operations at the highest and most optimum level and minimize O&M costs.



TOPICS INCLUDED

- Membrane water treatment overview
- Water contaminants
- Semipermeable RO/NF membranes
- Osmosis & reverse osmosis
- Membranes & membrane element
- Pressure vessels
- SWRO unit operation
- Pretreatment to minimize problems
- Potential problems - scaling / fouling / chemical attack
- Chemical cleaning
- On-stream instruments, hand-held / bench instruments required for monitoring
- Performance changes with scaling, fouling & chemical attack
- Pretreatment monitoring
- Chemical cleaning monitoring

WHO SHOULD ATTEND?

Operators, Technicians, Supervisors and all newcomers to RO desalination

PREREQUISITES

Participants should have completed the foundation level Water Chemistry 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