



TECHNOLOGY EXPERTS
GLOBAL EXPERTS GROUP

Training Course

Operation and Maintenance of Water Desalination Plants Based on the Developed Membrane Technologies

Date:

The course duration is 5 days

From

3/7/2010

To

7/7/2010.

Lecturer:

Prof. Dr. Mohammad Gamal Khedr



The beneficiaries of this training course:

- Engineers, chemists and technicians who supervise water desalination/treatment plants and operation of desalination plants.
- Engineers belonging to divisions of studies, design, assessment and execution of desalination plants projects.

Training course subjects:

- Raw Water composition and influence on selection of pretreatment processes and operation rates.
- Characterization of component units of the desalination plants of Reverse Osmosis Nanofiltration or Electro dialysis.
- Periodical measurement and record keeping of the operation data, calculation of performance parameters and comparison with those of original system design.
- Operation and Maintenance of pretreatment processes of the raw water (cooling, sanitization, filtration, hardness removal, and other processes of chemical dosing.)
- Operation Problems and Decline of Performance of Desalination Plants: Phenomena of Scaling, Organic Fouling and Bio fouling. How to avoid those problems, how to diagnose them and to get rid of membrane fouling.
- Optimum cleaning procedures of desalination membranes.
- Operation and Maintenance of post treatment processes of the permeate water.
- Optimization of productivity of old water desalination plants and lowering of energy consumption through introduction of advanced membranes and dosing chemicals.

Course costs:

The cost of the training course is 4500 (SR) per person and will be reduced to 4000 when more persons from one institute are registered.

Bank Transfer: National Commercial Bank,

Account No. 26552900000103. IBAN SA8210000026552900000103

When do I register?

Registration ends one week before the beginning of the training course due to limitation of seats.

Contact us:

For more information, please contact us at:

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