

#### **TRAINING SESSIONS**

Tuesday 09th, October, 2018 INTERNATIONAL CONGRESS & EXHIBITION

### Improve your Operating Practices in Reverse Osmosis Plants

Training 1 and 2 aimed at Operators and Maintainers of Plants of Reverse Osmosis and treatment of sea and brackish water, Training 3 Created for Process Design Professionals, Supervisors, Students and Academics linked with Reverse Osmosis Plants.

In this training, we will have experts from ENERGY RECOVERY, HYDRANAUTICS, GENESYS INTERNATIONAL, INGE, RUHRPUMPEN and TORAY, who will impart knowledge on operation and maintenance with mechanical equipment.



#### CARE IN THE REVERSE OSMOSIS

Learn useful tips to increase RO membranes LIFE.



#### EQUIPMENT CARE

A must-see session to increase the reliability of your installation.

#### 6 HOURS EFFECTIVE TRAINING

each one INCLUDED FOR ASSISTANTS TO THE CONGRESS NOT ENROLLED COST: USD 150 (Does not include lunch)

#### LIMITED PLACES Book in: info@aladyr.

AGUA PARA LATINOAMÉRICA



#### **REVERSE OSMOSIS PLANT DESIGN**

You will gain knowledge to stand out in design, screening, review and supervision of Reverse osmosis plants.



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# Care in RO

#### **6 HOURS TRAINING**

#### **Best operating practices**

Oriented to operators of reverse osmosis plants of seawater and brackish water. In this training, recognized experts from the industry will present the best operating practices for the care of reverse osmosis membranes, so that attendees at the end of the session, can apply concepts, experiences and useful tips in their plants.

#### **General topics:**

- Care in the operation with membranes
- Membrane failure: excess biofouling, use of chlorine, telescoping, etc.
- Chemical cleaning of membranes
- Membrane replacement policies, strategies, care
- Best practices in the reverse osmosis operation: parameters to be taken care of (SDI, chlorine, pressure, conversion), cleaning strategy, use of chemicals, etc.





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## **EQUIPMENT CARE**

#### **6 HOURS TRAINING**

#### **Improving Reliability**

We regrets to notify that it has been Oriented to operators and maintainers of reverse osmosis suspended due to lack of quorum

, railure and care of the pressure exchangers

Maintenance strategies





Specialist for Pumping Technology

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### **RO PLANTS DESING**

#### **6 HOURS TRAINING**

#### **Design Notions**

This training session is aimed at process design professionals, supervisors, students, academics.

Experts will deliver knowledge of basic and advanced design, which will allow creating distinctions for the design of reverse osmosis plants, review of projects and administration of investment projects in plants.

#### **General topics:**

- UF system design
- RO design and selection of equipment / membranes
- Energy recovery and plant retrofit
- Remineralization, post-treatment selection
- Selection and design of marine works: intake / outfall.
- Environment and brine disposal



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