

# FALCON WATER TECH, LLC

## Specializing In Offsite Reverse Osmosis Membrane Cleaning

Falcon Water Tech. LLC provides membrane cleaning services for 8-inch and 4-inch membranes. We are located in a state of the art facility in Tempe, Arizona. We have the capacity to clean these membranes with precise control of flow, temperature and pH according to membrane manufacturer specifications.



### Benefits of Off-Site Membrane Cleaning At Falcon Water Tech:

- Cleaning is more effective as there are maximum of 2 membranes per tube to be cleaned; thereby reducing downstream elements. This is much more efficient cleaning in comparison to 5-6 membranes per tube in normal CIP cleaning.
- Stage wise cleaning at site may not be feasible with the system design causing some of the membranes not to be cleaned effectively during CIP.
- In an operating system probing is done which is a tedious task. We can test and check each membrane individually for quality and discard if not useful or placed in correct position in the tube depending on the quality of water it produces.
- Offsite cleaning process is specifically designed to or near the manufacturer's performance specification. It is more cost effective and helps conserve electrical energy. It reduces the need for chemical handling at the site.
- Reduces system downtime. (Falcon can provide used rental membranes while they clean the scaled membranes)

# Services Offered

## State of the Art cleaning Skid

*Reverse osmosis water used for cleaning and we have dedicated system for cleaning.*

*Autopsy and Cleaning of membranes.*

*Pre and post clean membrane testing with test certificate with state of the art individual membrane test skid for 8 inch and 4 inch.*

*Each membrane may be individually bagged, vacuum sealed, preserved and boxed as required in specially designed good quality boxes.*

*Falcon requests for operating data and operator experience and has a specially designed form for operators to fill out, our experts analyze the data and have years of experience in RO industry to decide on what cleaning regime to be used to get the best results. We have experience of people who have installed the systems all over USA and the other parts of the world.*

*We are also in close consultation with major cleaning chemical providers and get the best of the cleaning chemicals to clean the membranes to best desired results.*

*We can also provide consultancy services for your water treatment system and control improvements so that the life of the system could be improved and system downtimes can be reduced.*

*We also provide consultancy to provide a new water treatment system by conducting a site study and if you need one please contact us at number below.*



## CONTACT US

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