

Aqua-Chem's team of certified service technicians have extensive experience with on-site activities, including training, commissioning of equipment, equipment startup, process startup assistance with customer personnel, troubleshooting and process analysis. Aqua-Chem offers the following Membrane Change Out services:

Every membrane change is unique, therefore, an Aqua-Chem Aftermarket Representative will meet with our customer at their facility to survey the site, and recommend the course of action to be taken. Opening an RO machine exposes the internal surfaces to external elements. Aqua-Chem will take all precautions necessary to minimize this exposure and the risk of microbiological contamination. Aqua-Chem will only use food approved glycerine as the lubricant for interconnector insertion, brine seal lubrication and end cap lubrication.

SERVICE INCLUDES:

- Membranes
- Labor for replacement
- Parts associated for particular housings – end cap o-rings, connectors, retaining rings etc.
- Membrane serial number log and placement in housing
- Normalization spreadsheet to track membrane life and predict cleaning schedules
- Removal of membranes
- Cleaning and disinfection of associated dis-assembled parts
- Cleaning and disinfection of internal surfaces of housings
- Inspection of RO machine housings, end caps, interconnection devices and permeate piping assemblies
- Loading of membranes into housing
- Re-assembly of RO machine using new gaskets, o-rings and retaining rings
- Flushing of membranes to remove lubricant and preservative.
- Re-commissioning of RO machine to service duty
- Written report of membrane change out activities with Membrane Serial Number Log
- Recording initial set of performance data for normalization spreadsheet initiation



FROM OUR CUSTOMERS WE ASK:

- Access to the facility
- Method of disposal for old membranes – typically a lugger bin.
- Method of disposal or recycle for membrane packaging materials
- Fork truck and driver for membrane staging assistance
- Facility approved disinfection chemistry and applicator – typically Vortexx or equivalent applied through a foamer or spray device.